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OF THE
UNIVERSITY OF ILLINOIS

BULLETIN
OF
A. & M. COLLEGE

PUBLISHED BY
The North Carolina
Agricultural & Mechanical College
For the Colored Race

GREENSBORO, - NORTH CAROLINA

Issued Quarterly

Vol. 2 JUNE 1910 No. 1

CALENDAR, 1910-1911

Entered as Second-Class Matter, July 2nd, 1909, at the Postoffice at Greensboro, N. C., under Act of July 16th, 1894.

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS.

ANNOUNCEMENTS

1. Medical Fee.—Every student lodger must pay one dollar medical fee. There will be no further charges for medical attention; but this fee does not include expenses for medicine.
2. Vaccination.—Each student will be required to be vaccinated on entrance unless he can satisfy the College physician that vaccination is unnecessary.
3. Lodging Deposits.—On account of limited accommodations, students can secure room at once by paying one dollar for September lodging. In case of sickness or inability to attend, the one dollar will be refunded, provided application for its return is made before September 1, 1910.
4. Free Tuition.—Each Senator and Representative can recommend county students for free tuition. Upon the endorsement of a county Representative or Senator, we will give a student his tuition free for one session. Free tuition does not mean free board and lodging. These two items costs $6.00 per month.
5. Special Examinations.—Entrance examination and examinations for the removal of conditions are held September 5, 6, 7. All students with conditions should avail themselves of the opportunity, as special examinations are *not held* during the session and no conditions will be moved except during the examination weeks.

Each student must pay on entering all entrance fees and expenses for his first month.

CALENDAR FROM JUNE 1, 1910, TO MAY 31, 1911.

1909.

JUNE

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1910–1911

DECEMBER

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JANUARY

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Main Building

SIXTEENTH ANNUAL CALENDAR

OF THE

North Carolina

Agricultural and Mechanical College

FOR THE COLORED RACE

GREENSBORO, NORTH CAROLINA

1910-1911

THE RECORD JOB OFFICE
Greensboro, N. C.

CALENDAR 1910—1911.

September 1-3—Entrance Examinations and Examinations for removal of conditions.

September 5—Registration Day.

September 6—Fall Term begins.

November 30—Fall Term ends. Term exercises Literary Societies.

December 1—Winter Term begins.

February 27—Winter Term ends. Literary exercises Winter Term.

March 1—Spring Term begins.

May 21—Baccalaureate Sermon.

May 25—Commencement.

June 5—Summer School.

HOLIDAYS.

Thanksgiving Day.

Christmas Vacation—Dec. 23-Jan. 3rd inc.

Washington's Birthday, February 22.

Winter Term Holiday, February 28.

Easter Monday.

SPECIAL DAYS.

Arbor Day (day after Thanksgiving)—Special programme by Department of Agriculture and Chemistry.

Douglas' Birthday, and Lincoln's Birthday, February 12. Special program by English Department.

Morrill's Birthday, April 14—Agricultural and Mechanical Societies have special programme.

BOARD OF TRUSTEES

First Congressional District—W. A. Darden, Pitt county.
Second Congressional District—
Third Congressional District—W. E. Brooks, Chatham county.
Fifth Congressional District—J. I. Foust, Guilford county.
Sixth Congressional District—C. Miller Hughes, Cumberland county.
Seventh Congressional District—C. C. Cranford, Randolph county.
Eighth Congressional District—W. L. Kluttz, Rowan county.
Ninth Congressional District—W. A. Enloe, Jackson county.

MEMBERS AT LARGE.

M. W. Bell, Cherokee County.
J. B. Minor, Guilford County.
R. W. Morphis, Rockingham County.
M. C. S. Noble, Orange County.
C. G. Rose, Cumberland County.
C. M. Vanstory, Guilford County.

OFFICERS OF TRUSTEE BOARD.

M. C. S. Noble, Chairman, Chapel Hill, N. C.
A. T. Whitsett, Secretary, Greensboro, N. C.

FACULTY AND OFFICERS.

James B. Dudley, A. M., LL.D., President, and Head of English Department.

Junius Rooks, Steward, 1895.

William Yates, Instructor in Tinsmithing, 1900.

J. H. Bluford, B. S., A. M., Head of the Agricultural Department and Instructor in Agriculture and Chemistry, 1902.

J. Elmer Dellinger, M. D., College Physician, 1903.

William M. Nelson, A. B., Instructor in Drawing and Carpentry, 1903.

W. F. Robinson, B. Agr., Florist and Instructor in Horticulture and Botany, 1904.

W. F. Debnam, A. B., Superintendent of the Farm and Instructor in Practical Agronomy, 1907.

J. D. Chavis, A. M., D. D., First Professor in the English Department, in charge of Post-Graduate Courses, 1907.

Martin Goins, Secretary and Librarian, 1907.

W. H. Green, Instructor in Wood Turning and Upholstery, 1908.

A. T. Whitsett, Treasurer, 1909.

George R. Tompkins, Head of the Mechanical Department and Instructor in Mechanical and Electrical Engineering, 1909.

J. L. Foggie, Instructor in Forging and Wheel-wrighting, 1909.

A. D. Watkins, Instructor in Bricklaying and Plastering, 1909.

B. W. Barnes, B. Agr., Bursar and in charge of Night School, 1909.

S. B. Jones, A. B., M. D., Instructor in Mathematics, 1909.

M. S. Sanders, Instructor in Broom-making, 1909.

Chas. E. Stewart, B. D., Instructor in Music and in charge of the Preparatory class, 1909.

E. F. Colson, B. Agr., Instructor in Dairy and Animal Husbandry, 1910.

The North Carolina Agricultural and Mechanical College For the Colored Race

This College was established by an act of the General Assembly of North Carolina, ratified March 9, 1891. The leading object of the institution is declared by the Act to be instruction in practical agriculture, the mechanic arts and such branches of learning as relate thereto.

The management and control of the College and the care and preservation of all its property is vested in a Board of Trustees, consisting of fifteen members, who are elected by the General Assembly, or appointed by the Governor, for a term of six years.

The Trustees, by the Act of the Legislature, have power to prescribe rules for the management and preservation of good order and morals at the College; to elect the president, instructors, and as many other officers and servants as they shall deem necessary; have charge of the disbursements of the funds, and have general and entire supervision of the establishment and maintenance of the College.

The financial support of the College for the payment of salaries and purchase of apparatus and equipment is derived, for the most part, from the United States, under an Act of Congress, known as the "Morrill Act," passed August 20, 1890. This Act makes an annual appropriation for each State and Territory for the endowment and support of Colleges for the benefit of agriculture and mechanic arts to be applied "only to instruction in agriculture, the mechanic arts, the English language and the various branches of mathematics, physical, natural and economic sciences, with special reference to their application in the industries of life and to the facilities of such instruction."

The College also receives an appropriation from the State for general maintenance, which cannot be provided for under the laws governing the use of Federal appropriations.

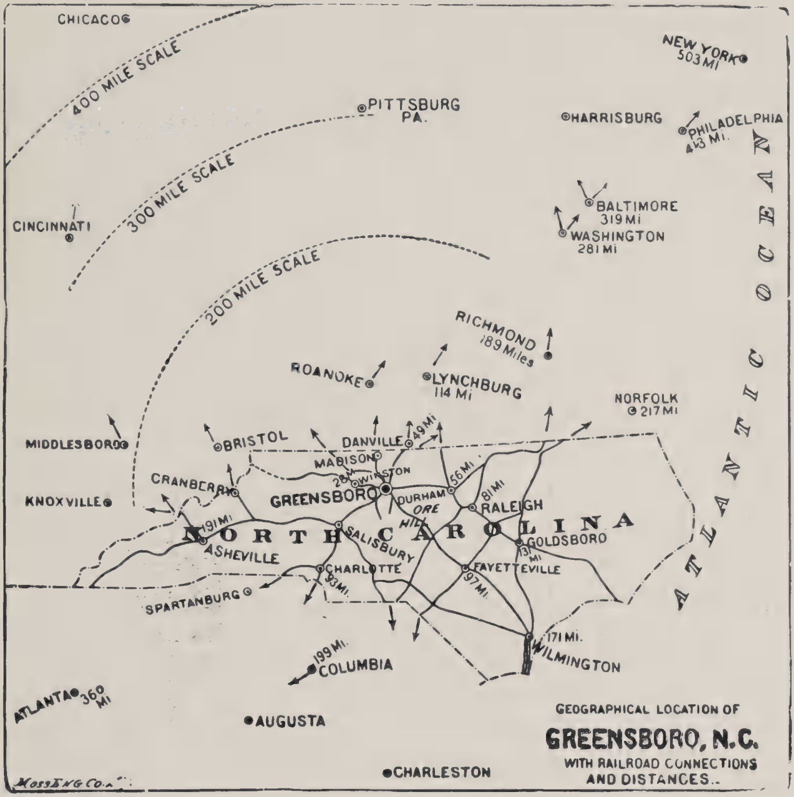
The citizens of Greensboro donated fourteen acres of land and $11,000, to be used in construction of buildings. In 1893 this was supplemented by an appropriation of $10,000 by the General Assembly. The main building, one of the finest school edifices in North Carolina, was completed in 1893, and the school opened in the fall of that year.

Every negro who will observe the splendid record of success and of usefulness which the graduates almost without exception are making must naturally feel grateful to the "Old North State" for the excellent work that this Commonwealth is doing for the uplift of its negro citizens Every intelligent citizen, black or white, who will note the substantial interest and splendid support that this institution is receiving from every State official and from the representatives of the people in every Legislature, must admire the wise and liberal treatment North Carolina is giving for the maintenance of helpful institutions for her negro citizens, and ever appreciate the excellent results that are being accomplished. It is certain no negro can study the important work of this institution and its influence for the advancement of all people without feeling a stronger sense of obligation to his State that he should strive to be a better, truer and more patriotic citizen of the great State of North Carolina.

ADMISSION.

The requirements for admission into the Agricultural and Mechanical College, which is the complement of the public schools of the State for the colored people, have been regulated by the average scholarship of the advanced students of these schools.

Applicants must be in good health and not under 16 years of age; must understand fairly well the forms and rules of the English language, must know addition, subtraction, multipli-



GEOGRAPHICAL LOCATION OF

GREENSBORO, N.C.

WITH RAILROAD CONNECTIONS
AND DISTANCES..

cation and division of whole numbers, and have a knowledge of geography and history.

Students who have completed the eighth grade in the grammar schools will be admitted without examination.

A student otherwise qualified may be allowed to elect certain studies from the regular courses already provided in the College if no inconvenience result to the regular classes.

Each student desiring admission should present a recommendation from the school last attended.

TUITION.

Tuition of one dollar per month, payable in advance.

A limited number of students from each county will be allowed free tuition. For further information on this subject, address the President.

EXPENSES.

Although it is the aim of the College to furnish as much employment as possible to assist students in defraying expenses, no promise nor guarantee can be made in advance to furnish such work.

The charges made by the college for board, lodging and tuition must be settled in advance the first day of each month. The college does not hold students on credit. No monthly payment will be returned and no student will be credited with fractional parts of monthly payments, except students entering may make their initial payment to the first of the next month."

Positively no student will be allowed to enter any department of the College without paying in Cash the first month's expenses, as stated below.

No student should expect to enter any department of the

College unless he has at least one-half the total amount necessary to defray his expenses during the time of his attendance.

MONTHLY PAYMENTS.

Tuition, per month	$1.00
Lodging—use of room, bedding, etc., per month	1.00
Board, per month	5.00

TERM PAYMENTS.

Chemical Laboratory Fee	$1.00
Physical Laboratory Fee	50
Work Shop (Mechanical Department)	1.00

YEARLY PAYMENTS.

Incidental Deposit	$2.00
Dining Hall Fee	1.00
Medical Fee	1.00

These charges are payable strictly in advance.

Students at the time of the advance payments will be given tickets, which will admit them to class-rooms, work-shops and dining-hall when properly countersigned.

In addition to the above expenses the cost of text-books must be considered. This will amount to about $12.50 per year.

Free tuition or county students will pay $1.00 per month less than the above.

Board, lodging, medical fee, tuition, and incidental deposit must be paid before the rooms are assigned and tickets of admission to class-rooms, work-shops and dining-hall are issued.

In additon to the above charges each student will be required to give at least three hours work per week.

SUPPLIES.

Each student must bring a hairbrush and comb, a change of sheets and pillowcases and counterpanes, plainly marked.

All students must furnish books, stationery, drawing pencils, thumb tacks and medicines.

Each student must keep on deposit $2.00 to cover any charges which may be made against him for damages done.

From the standpoint of neatness and economy in dress each student should supply himself with a regular uniform. This recommendation is compulsory for members of the Senior class.

No student organization will be allowed to leave the College in a body without being in uniform.

RULES FOR GOVERNING CLASSIFICATION.

1. Regular students must take a minimum of fifteen hours of credit work per week at least three of which shall be industrial or manual training work.
2. Examinations for the removal of conditions will be held at no other time than the regular term examination periods.
3. Students making an average of 70 per cent. or more will be passed; over 85 per cent., passed honorably. Students will not be promoted from one class to a higher class who have not passed a maximum of forty-five hours in the class from which he seeks promotion.
4. Student candidates for graduation will be required to pass a satisfactory examination in all the subjects in their respective courses.
5. Any student failing to secure 50 per cent. of the total marks obtainable during any term, will be required to take a lower class or sever his connection with the College and be allowed to return the following session.

GRADUATION.

It is the aim of this institution to send forth men who are fit representatives. To this end, the faculty reserves the right to refuse to admit any student to the Senior class or to graduate any one who, though qualified by class record, may otherwise be unfit.

Students graduating from the Trade School Courses are entitled to Certificates.

Students are entitled to a Diploma of the College upon the completion of the prescribed courses.

Candidates for graduation from the College, in addition to the work outlined in the catalogue, must have practical experience in field work, either at the College or elsewhere, as shall appear in reports from responsible persons.

DEGREES.

Students graduating from the Agricultural Course shall be entitled to the degree of Bachelor of Science in Agriculture.

Students graduating from Mechanical Course shall be entitled to the degree of Bachelor of Science in Mechanical Engineering.

Members of the Senior class must deposit the fee for Diploma thirty days before commencement day.

GENERAL INFORMATION.

Students desiring assistance in defraying expenses, as far as possible, will be allowed to work at the rate of 5 to 7½ cents per hour, for which they can get credit each month at the time of their advanced payment.

Students receiving aid by labor which they may secure at the College are requested to observe: (a) That credit on school expenses and not money, will be allowed for student labor, except by action of the faculty and approval of the President; (b) that credit cannot be transferred from one student to another.

The several industries operated by the school affords opportunity for needy but industrious students to help themselves. It is impossible to state definitely and in advance how much a student, and especially a new one, would earn per month. This largely depends upon his individual application and energy. All can earn something each month, while the most industrious and energetic student will regularly earn more than his expenses.

Students, upon their arrival in Greensboro, must report immediately to the President for a permit for examination and registration.

Each student upon applying for admission, will be required to sign a pledge, binding obedience to the rules of the College. Parents and guardians are particularly requested to examine our Rules and Regulations, to be found on another page of this catalogue.

It will be the purpose of the College to maintain a high moral tone and to develop a broad, tolerant religious spirit among the students. In this connection there is a well-organized Y. M. C. A., which meets twice a week for song and praise. A special service will be conducted in the chapel each Sunday by pastors representing the different denominations of the city. All religious services will be free from sectarianism.

There are two literary societies, the Dunbar and Douglass, which greatly stimulate the development of character and the training of the intellect. These offer facilities for practice in debate, oratory, declamation and essay writing; the members become practically familiar with parliamentary law and usage. The faculty, by presence and advice, will seek to encourage these societies. Membership in one or the other of these societies will be compulsory. There are two technical societies, in which special topics in connection with agriculture, mechanics and chemistry are considered in a manner conducive to independent thought and research.

Students whose parents or guardians do not live in Greensboro or its immediate vicinity, will be required to room and board in the College—except when the consent of the Faculty has been secured by the written request of the parent or guardian. Consent will only be given, however, when the judgment of the Faculty directs that it can be done, with safety; as the College cannot, nor does it desire to rid itself wholly of the responsibility out of school hours of the conduct of students who do not room and board in the College.

Members of the Freshman, Sophomore, Junior and Senior classes who lodge at the College will not be allowed to work in the city except in the employment of the College.

The *industrial* part of each course of instruction applies to all students, *and none will be excused therefrom.*

INDUSTRIAL MUSEUM.

An Industrial Museum has been started and already valuable collections of work done by students are to be seen. We have collections representing the work in carpentry, blacksmithing, and the various trades; also specimens from the Agricultural, English and Dairy Departments. Such articles for exhibit are collected once every month.

RULES AND REGULATIONS.

1. The signal for rising will be given at 5.45 a. m. Dressing and arranging rooms, 5.45 to 6 a. m. Prayer, 6.15. Breakfast. 7 to 7.30 a. m. Chapel, 8.30 to 9 a. m. Morning session, 9 to 1 p. m. Dinner from 1.10 to 2 p. m. Afternoon session, 2 to 4 p. m. Recreation, 4 to 6 p. m. Supper, 6 to 6.30 p. m. Evening prayer, 6.40 to 6.55. Study, 7 to 9.30. Night school session, 7 to 9.30. Retiring signal, 9.45 p. m.

2. Strict attention must be given to cleanliness and deportment. Each student is required to keep his room in good order and subject to inspection at any time, and to conduct himself at all times in a gentlemanly manner. To attain and maintain a high moral standard is one of the prime objects of this institution, and any student known to have vicious habits or in-
tution, and any student known to have vicious habits or to in-

dulge in vulgar language will be deemed an unfit associate and will be expelled from the College. Untruthfulness or dishonesty in any form will not be tolerated. Students guilty of such offences will be promptly dismissed.

3. Students shall promptly attend prayers and chapel services and all special exercises, class and instruction work. Tardiness, or absence from these duties, will, when not excused, subject a student to demerits. Loitering within the main building by the students is prohibited.

4. Students who interrupt the quiet and order of College life by noises in or near the buildings or who commit intentional damage to College property, or who make nuisance by throwing slops near the buildings or otherwise, will not be allowed to room on the grounds.

5. Students who persistently absent themselves from chapel and class work, or who persistently neglect college duties, or who absent themselves from College grounds contrary to Rules and Regulations, are not regarded as desirable companions for industrious meritorious students, and will not be allowed to continue as students in the College.

6. Students must attend some church on Sunday morning. Parents or guardians should designate to the President of the College what church they wish their sons or wards to attend.

7. Any student shooting or having on his person, in his room, or on the College premises, rifles, spring guns, fire arms or deadly weapons of any kind whatsoever will be dismissed.

8. The use of tobacco, spirits, malt or vinous liquors in any form by the students is prohibited. Students are forbidden to enter any disreputable house, including places where intoxicants are sold, while absent from the College grounds.

9. Students are forbidden to go upon the roofs of buildings, or to enter or depart from buildings through windows, and they are also forbidden to enter the kitchen store-rooms or pantry. Students are prohibited from entering the dining-room, except at meal time.

10. Strict discipline will be enforced in the dining room during meals. Students guilty of ill-mannered conduct in act

North Dormitory

or speech will be removed from the dining-room and punished for insubordination.

11. Students are forbidden to receive visitors in the dormitory buildings.

12. At all times the students shall deport and express themselves respectfully toward the Faculty and every member of it and also toward their fellow students. Any deficiency in this particular will be punished. A student failing to respond to any reasonable demands by any member of the Faculty shall be held guilty of contempt and punished accordingly.

13. No students will be retained after he has received thirty-four demerits in any one term of a session.

14. Every new student must be vaccinated before entrance, or present a doctor's certificate showing that he has been successfully vaccinated within two years.

15. A student cannot remain in good standing in any department when dismissed from another.

16. No diplomas shall be given to any student who is in debt to the College.

17. Any student found guilty of any species of dishonesty shall be dismissed or expelled, at the discretion of the Faculty.

18. Any student absenting himself from class one-third of the time during any month, without excuse, shall be dismissed.

19. Students are not permitted to walk on grass plots and will be demerited for this offence.

By order of THE BOARD OF TRUSTEES.

OUTLINE OF COURSE OF STUDY.

FRESHMAN CLASS.

	Periods Per Week		
Subjects	Fall Term	Winter Term	Spring Term
English	5	5	5
Arithmetic	5	5	
Algebra			5
Biology (Plant)	3		
Biology (Animal)		3	
Biology (Human)			3
General History	2	2	2
Physiology	3	3	
Music	2	2	2
Elementary Chemistry			3
Shop, Greenhouse or Dairy'g	3	3	3
Drawing	2	2	2

NOTE.—Eighteen hours must be passed per term and all entrance conditions removed in order to be promoted to the next higher class. Recitation and lecture periods one hour; the laboratory, shop, and other periods, two hours. Sophomores, Juniors and Seniors will take music one hour per week during the industrial periods.

SOPHOMORE CLASS.

	Periods Per Week		
Subjects	Fall Term	Winter Term	Spring Term
Algebra	5	5	
Geometry			5
English	5	5	5
Physics	5	5	5
Chemistry	3	3	3
Bookkeeping	2	2	
Materials of Construction			2
Market Gardening			3
Machine Tools			
Mechanics	3	3	3
Steam Boilers and Firing	3	3	3
Geometrical Drawing	2	2	2
Shop	3	3	3

JUNIOR CLASS.

Subjects	Periods Per Week		
	Fall Term	Winter Term	Spring Term
Geometry (Plane)	5	5	
Geometry (Solid)			5
English	5	5	5
Physics (for Class of 1912)	3	3	3
Bacteriology (A)	2	2	
Steam Engines (M)	2	2	
Gas Engines (M)			2
Geology (A)			2
Animal Breeding (A)	3		
Study of the Breeds (A)		3	
Veterinary Science (A)			3
Horticulture (A)	2	2	2
Mechanism (M)	3	3	
Heating and Ventilating (M)			3
Electrical Engineering (M)	2	2	2
Chemistry (A)	3	3	3
Dairying (A)	2	2	2
Shop (M)	3	3	3
Drawing (M)	2	2	2

SENIOR CLASS.

Subjects	Periods Per Week		
	Fall Term	Winter Term	Spring Term
Solid Geometry	5		
Trigonometry		5	
Trigonometry			3
Surveying			2
English	3	3	3
Political Economy	2	2	2
Agricultural Group:			
Agricultural Physics	3	3	
Thesis			5
Agronomy	2	2	
Entomology	3	3	
Farm Mechanics	2	2	

Botany and Landscape Gard'g			3
Pomology		2	
Agricultural Chemistry	2	2	2
Mechanical Group:			
Strength of Materials	2	2	
Hydraulics	2		
Hydraulic Motors		2	2
Engine Handling	3		
Drawing	2	2	2
Power Plant Design		2	
Estimates	2	2	
Specifications			2
Shop	3	3	3
Houseplanning		2	
Thesis		2	5

PREPARATORY CLASS.

	Periods Per Week		
Subjects	Fall Term	Winter Term	Spring Term
English	5	5	5
Arithmetic	5	5	5
Carolina History	3		
U. S. History		3	3
Music	2	2	2
Geography	3	3	3
Writing	2	2	2
Drawing	2	2	2
Shop, Dairy or Greenhouse	3	3	3

DEPARTMENT OF AGRICULTURE AND CHEMISTRY

Jas. B. Dudley, President.

J. H. Bluford, Head of Department and Instructor in Agriculture and Chemistry.

W. F. Debnam, Superintendent of Farm and Iinstructor in Practical Agronomy.

W. F. Robinson, Florist, and Instructor in Horticulture and Botany.

E. F. Colson, Superintendent of Dairy, and Instructor in Dairy and Animal Husbandry.

AGRICULTURAL COURSES.

1. A four-year course in Agriculture.
2. A two-year course in Agriculture.
3. A six weeks' course in Agriculture.

There are three courses in Agriculture—a four-year graded course leading to the degree of Bachelor of Agricultural Science, a two-year course leading to a certificate, and a six weeks' course for farmers and others who can only spend a limited amount of time away from their business. The four-year course is designed to give the student a well-rounded education combined with technical and practical instruction. The course is divided so as to give about one-third of the student's time to technical instruction, one-third to scientific and the other third to English and Mathematics. As all agricultural instruction is dependent upon a thorough knowledge of the fundamental sciences the course is essentially scientific rather than literary. The two-year course is designed especially for the need of those students who have little time to spend in school and wish to get only such instruction as bears directly on their chosen vocation.

Special attention is given to dairying, horticulture, soils, fertilizers, market gardening and stock-raising. The college has frequent calls for young men to do practical work in these subjects.

The six weeks' course is devoted to a course of lectures and practical demonstrations on dairying, soils, fertilizers and stock-raising. These courses for the most part will be given by experts from the State Department of Agriculture.

METHODS OF INSTRUCTION.

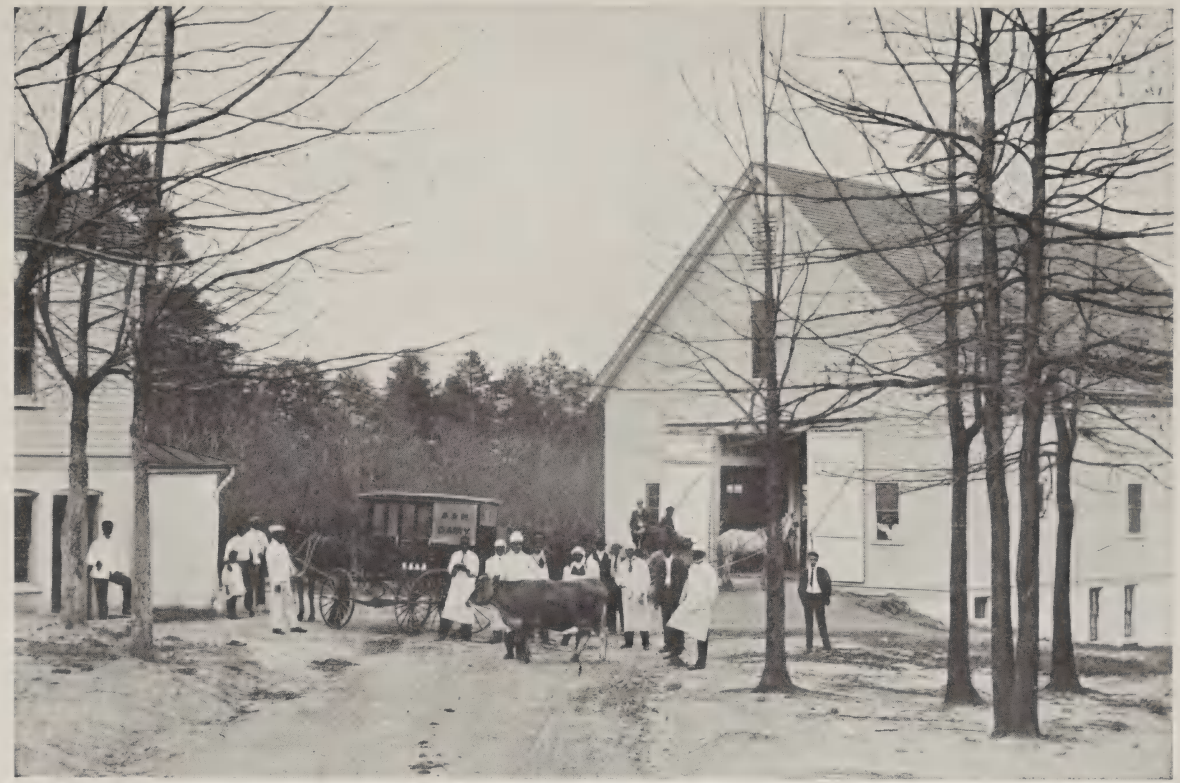
Instruction is given by laboratory work, text-books, lectures and reference reading. The scientific equipment is excellent—probably the best of any negro school in the country. All class room work is supplemented by practical work, either in the field, the garden, the greenhouse, the barn, the dairy, or the chemical or physical laboratory.

EQUIPMENT.

The college has twenty-five acres of land in the immediate campus which is used for horticulture and market garden purposes. In addition to this it has a farm of 103 acres of land most of which is under cultivation. There is a modern two-story barn which is used for dairy cattle, a piggery, and a small poultry plant.

Recognizing the importance of good farm machinery and labor-saving devices, the College has purchased and received as donations from a number of firms a considerable amount of farm machinery, such as different kinds of plows, harrows, cultivators, a seed drill with a fertilizer attachment, a corn harvester, and various tools and machines for market gardening.

The dairy is well equipped with modern apparatus for butter making, such as United States Cream Separator, De Laval Separator, seven Acme Bail Churns, one Davis Swing Churn, seven Lever Butter Workers, one Eclipse Refrigerator, a Boyd Cream Ripening Vat, a Babcock Milk Testing Machine, Aerator, etc., thus enabling us to offer the very best course in butter making. We have recently added apparatus and utensils for cheese making for home consumption.



Dairy and Barn

A ninety-ton silo has also been erected for which silage is raised every year. A St. Alban's Shredder is used for cutting up the ensilage and a corn harvester is used for cutting the corn in the field.

The farm is stocked with a good herd of milch cows.

Different crops such as wheat, oats, cow peas, sugar beets, sorghum, millet, mangel wutzel, potatoes, alfalfa, tobacco, cotton, rape, vetch, clover, and various other forage crops, are grown on the farm, and the student obtains practical experience in the cultivation of such crops with the latest and best farm machinery.

Experiments are also being carried on, on the farm, illustrating the effect of different methods of cultivation and fertilization of several crops. Variety tests are also made. This experiment work is carried on by the students in the advanced classes.

The green-house is maintained to aid the student in the study of Botany and care of flowers. Instruction is also given in the management of a green-house on a commercial scale.

Market gardening is practised on a small scale for the purpose of giving the student practice in the management of early truck lands.

DESCRIPTION OF COURSES.

A—INDUSTRIAL—PRACTICAL HORTICULTURE.

I.—Greenhouse Management. Three hours.

Practical work is given in the care and management of greenhouses. Students are required to grow and care for various flowers, such as carnations, roses, hyacinths, freesias, narcissus, etc., as well as various foliage plants, like ferns and palms. For Freshman. Fall term. Mr. Robinson.

II.—Propagation of Plants. Three hours. Required Course I.

Practice is given in making cuttings, in pottings, rooting, grafting, budding, etc. The student is also taught how to prepare various fungicides and insecticides, how and when to apply them. For Freshmen. Winter term. Mr. Robinson.

III.—Market Gardening. Three hours. Required Cours II. Industrial. For Freshmen.

Practice is given in transplanting plants from the greenhouse or cold frames to the field. Attention is also given to raising early vegetables on a commercial scale. Spring term. Mr. Robinson.

B—AGRICULTURE—BIOLOGY AND GEOLOGY.

I.—Elementary Botany.

Lectures, recitations and laboratory work. Special attention is given to plant morphology, the principles of nutrition, reproduction, growth, sex and adaptation to environment. The importance of the fungi and seed plants is emphasized. The principles of plant breeding, crossing, fallination, budding and grafting are taught. Required of Freshmen. Fall term. Three hours. Text—Bailey and Coleman. Mr. Bluford.

II.—Elementary Botany.

The various types and principles of animal life; structure and classification of the vertberates and invertebrates; the common parasites infecting man and the domestic animals. Freshmen. Winter term. Three hours. Text—Bailey and Coleman Elementary Biology. Mr. Bluford.

III.—Elementary Geology.

Structural geology; important minerals and elements of the earth's crust; the igneous or eruptive rocks; sedimentary and metamorphic rocks; dynamic geology—wind and river erosion; underground water and lake deposits; glaciers, mountains, volcanoes; eathquakes and geysers; stratigraphic geology. The uses of fossils; life during the archean and paleozioc

WHEAT TO THE LEFT OATS TO THE RIGHT
FARM BUILDINGS
IN THE DISTANCE

HARVESTING WHEAT
LOOKING NORTH

GARTONS TARTER KING
SPRING OATS

WHEAT HARVEST
LOOKING SOUTH

College Farm Scenes

times. The glacial period. For Juniors. Spring term. Three hours. Mr. Bluford.

AGRONOMY.

IV.—FARM MANAGEMENT.

Lectures and recitations upon the selection, location, planning and the equipment of farms; farm building and machinery. Systems of cropping and farm accounts. For Seniors. Fall and Winter terms. Two hours. Text—Card's Farm Management. Mr. Debnam.

V.—ARICULTURAL PHYSICS. Required Courses III. Physics and V. Chemistry and I. Mechanics.

The power of soils to retain moisture, effect of deep and shallow cultivation, methods of constructing farm buildings, ventilation, road making, draft of wagons and plows, etc., are fully discussed. Text: Agricultural Physics.—*King.* For Seniors. Fall and Winter terms. Three hours. Mr. Bluford.

VI.—AGRICULTURAL PHYSICS LABORATORY WORK. Courses I., II. and III. required. (Gen. Physics.)

This course will accompany Course IV. with detailed experiments to show the rate of percolation of water through soils; capillary attraction; effect of different kinds of mulches; determination of specific gravity and specific heat; and the mechanical analysis of soils. The department has been recently equipped with the latest apparatus for soil work. Spring term. Seniors. Two hours. Mr. Bluford.

VII.—FARM CROPS.

Lectures upon the history, production, harvesting and marketing of farm crops. Practical exercises in harvesting and storing various staple crops. Preparation of soil and the seeding of fall and winter crops; practical exercises in draining land, fall plowing and the preparation of soil for spring seeding. Practical rotation of crops on one acre plats. For Freshmen and Preps. Three hours throughout year. Mr. Debnam.

VIII.—Special Crops.

The seeding and harvesting of special crops, such as corn, tobacco, cotton, the clovers and the grasses. Practical exercises in the rotation of these crops on one acre plats. For Juniors and Seniors. Fall and spring term. Mr. Debnam.

PHYSIOLOGY AND VETERINARY SCIENCE.

I. The structure and function of the bones, muscles and points are carefully studied. The various organs and their functions receive special attention; health laws, ventilation, influence of heredity, preparation and use of domestic remedies; disinfectants and their uses; sanitation and prevention of tuberculosis. For Freshmen. Three hours throughout the year. Text—Bailey and Coleman's Physiology. Mr. Robinson.

II.—Veterinary Science. Three hours. Required Course I. Physiology.

The common diseases of farm animals are briefly discussed, together with remedies for same. Some practical work in caring for sick animals is also provided the student. Text—Veterinary Elements.—*Hopkins.* For Juniors. Spring term. Mr. E. F. Colson.

ANIMAL HUSBANDRY AND DAIRYING.

I.—Animal Breeding.

The student is taught the underlying principles of successful breeding; such subjects as atavism, variation, selection, heredity, line-breeding, cross-breeding and in and in-breeding are discussed. Collateral reading required. Text—Shaw's Animal Breeding. For Juniors. Fall term. Three hours. Mr. Colson.

II.—Breed of Live Stock.

The origin, history and characteristics of the various breeds of cattle, sheep and swine are taken up. Especial attention is

Stock Judging

given to the various types of dairy cattle and hogs. Whenever possible actual specimens are used to show the characteristics of the various breeds of animals. Excursions are frequently made to near by farms for the purpose of score card work. For Juniors. Winter term. Three hours. Mr. Colson.

III.—MILK AND CREAM TESTING.

The student is taught how to test milk and cream; he is made familiar with the Babcock test for fat; he is also expected to test milk for adulterants, determine its specific gravity, total solids, the amount of water it contains, and is required to make at least two tests of each cow in the herd. He also becomes expert in testing cream for acidity according to, at least, two methods.

Lectures and recitation work will be given on the composition, secretion and production of milk. Fall term for Juniors. Three hours. E. F. Colson.

IV.—BUTTER MAKING. Three hours. Required Course III.

Thorough drill is given in butter-making according to the most improved methods. Considerable drill is also given in making neat and attractive packages, in storing and scoring butter, ripening cream, etc. For Juniors. Winter term. E. F. Colson.

V.—MANAGEMENT OF DAIRY. Three hours. Required Courses III. and IV.

The student is expected to go into the dairy and take charge of the work under the supervision of the instructor. He receives instruction in the care and management of separators and obtains more pratice in butter-making. Spring term. For Juniors. E. F. Colson.

C.—HORTICULTURE AND BOTANY.

I.—BOTANY. Five credits. Desired Course I. Horticulture.

Such subjects as how the plant takes up food from the soil and the atmosphere; the effect of sunlight, air and moisture on plants are noted, diseases of plants and remedies for same are discussed in an elementary way. Given in connection with Course I. Agriculture. Text: Elementary Botany.—*Bailey.* For Seniors. Spring term. W. F. Robinson.

II.—PROPAGATION OF PLANTS. Three hours.

Method of propagating plants by cutting, stalons, suckers, layering seed, etc., are discussed. The principles underlying budding, grafting and pruning are also discussed. Text: Principles of Plant Culture.—*Goff.* Freshmen. Fall term. W. F. Robinson.

III.—SMALL FRUIT CULTURE. Two credits. Required Course II. Horticulture.

Methods of propagating and cultivating various kinds of small fruit are discussed, together with the preparation of soil for same. Winter term. Juniors. W. F. Robinson.

IV.—MARKET GARDENING. Three credits. Required Course II. Horticulture.

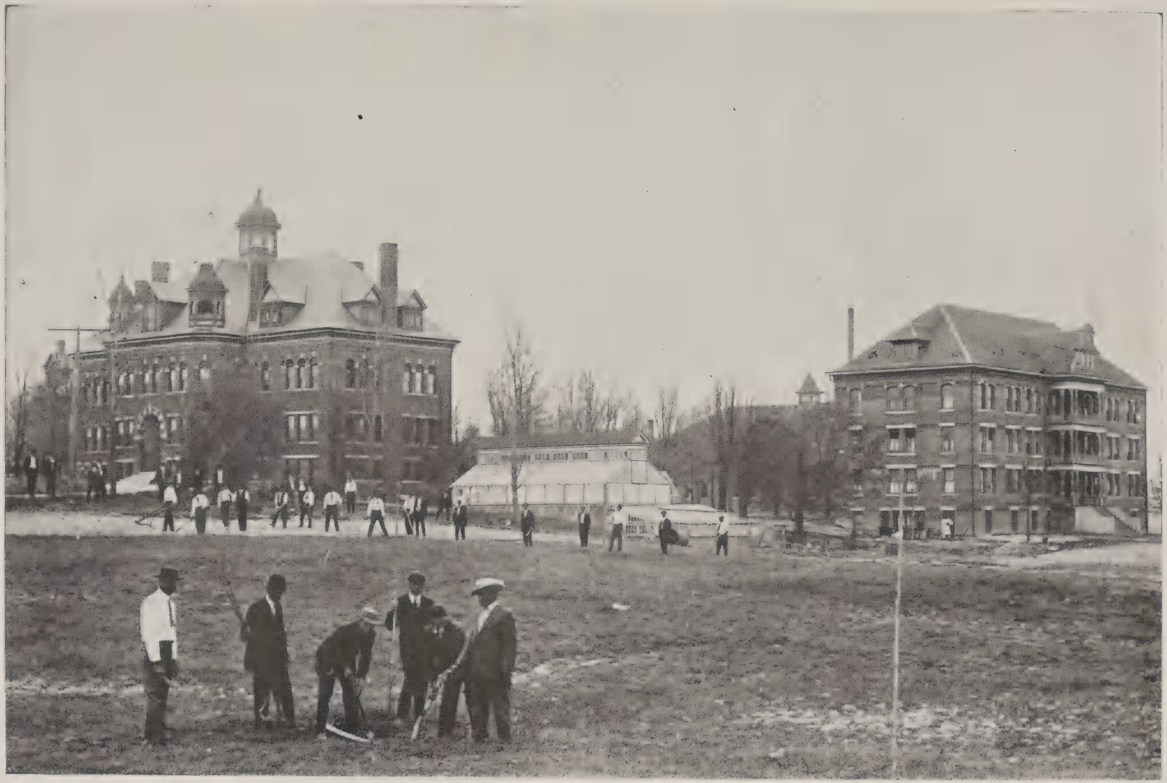
A study of the different crops adapted to market gardening and adapted to North Carolina is made. Construction and management of hot beds, cold frames, special fertilizers for vegetable crops, packing, shipping and marketing are also considered. Text: Vegetable Gardening.—*Bailey.* For Sophomore. Spring term. W. F. Robinson.

V.—POMOLOGY. Two credits. Required Course III. Horticulture.

Planting of fruit trees, tilling and fertilizing fruit lands. Planting and caring for orchard, picking, packing, storing and shipping fruit are discussed. Text: Fruit Growing.—*Bailey.* For Seniors. Winter term. W. F. Robinson.

VI.—LANDSCAPE GARDENING. Two credits. Required Course V. Horticulture.

Principles of embellishing landscapes, planting and manage-



Campus View, and Classes in Horticulture and Market Gardening

ment of woodlands, management of forests are discussed. Text: Landscape Gardening.—*Maynard*. Spring term. Seniors. W. F. Robinson.

ENTOMOLOGY AND BACTERIOLOGY.

I.—Entomology. Three hours. Required Course VI. Horticulture. Text: Constock's Insect Life.

The subject is taught by means of lectures and the student is required to read upon topics assigned him by the instructor. The most common insects and insectitudes are studied. For Seniors. Fall term. W. F. Robinson.

II.—Bacteriology. Three hours. Required Courses II. Horticulture and I. Chemistry.

Lectures are given on the nature of bacteria, their relation to other plants, supplemented by laboratory work. For Juniors. Fall and Winter terms. E. F. Colson.

III.—Plant Diseases. Three hours. Required Course I. Horticulture.

Lectures and laboratory work. Common diseases, such as the cereal nests and insects; dises of cotton, tobacco and fruit trees are studied with the aid of the compound microscope. For Seniors. Winter term. W. F. Robinson.

D.—POULTRY HUSBANDRY.

The poultry work at the college has been recently added and is therefore on quite a limited scale, but it is expected that this important industry will take first rank at the college in the next few years. We have already two breeding pens with a number of outdoor home-made brooders and we are now planning to build an incubator cellar and to insall several makes of incubators. We have recently purchased the following varieties of poultry: Rhode Island Reds, Partridge Wyandottes, and White Leghorns.

I.—Poultry Husbandry.

Construction and location of poultry houses; classification and study of the breeds of domestic poultry; breeding, feeding and management; diseases and remedies; production and marketing of eggs; incubation and breeding; capons and caponizing. For Freshmen, Preparatory and two-year students. Three hours, entire year. Mr. Barnes.

E.—COURSES IN CHEMISTRY AND PHYSICS.

EQUIPMENT.

The chemical laboratory is well equipped with suitable apparatus and necessary chemicals for the study of general as well as agricultural chemistry.

Among the most expensive apparatus may be mentioned Hoffman's apparatus for decomposition and recomposition of water, fat extraction apparatus, chemical balances, soil analysis apparatus, hot plates, copper, air and water baths, apparatus for analysis of baking powders, water analysis, etc.

In short, the equipment of the department is first-class in every respect, and in some lines it is perhaps second to that of no other institution in the State.

While the equipment for the work in Physics is not so complete as that in Chemistry, the Department has made and purchased sufficient apparatus to illustrate on the lecture table the more important laws of Physical Science. The equipment consists of a Lever Air Pump with oxydized brass barrel and accessories, an Atwood's machine, Port Lummere and Stereoptican for projection work, a set of Vacuum and Spectrum Geissler tubes containing residuum gases. Ruhmkorff Induction coil, a Hoffman's Graduated Eudiometer, an assortment of batteries and Leyden jars for induction and distribution of electricity, compound microscopes, pulleys, balances, pumps, sonometer and a general assortment of lecture table apparatus. The lecture room can be made dark at any time for illustration

Class in General Chemistry

Soil and Fodder Analysis

with the stereopticon or Port Lummere. The lecture table is fitted with water, gas and electricity.

The department has recently purchased some of the latest apparatus for Soil Physics which includes a ball-bearing balance, 50 cc. flasks with ground glass stoppers drawn out to an open capillary tube for specific gravity work; brass tubes 12½x1⅞ inches inside measurement for the determination of volume weight, apparent specific gravity and porosity of soils, apparatus to determine the power of loose and compact soils to retain moisture a set of brass tubes 16x1⅞ inches inside measurement to show the rate of percolation of water through soils; a set of galvanized iron cylinders set in water jackets to show the effect of mulches or evaporation of water from soil; and a set of five glass tubes, 30x1⅞ inches insides measurement, for determining the capillary attraction of soils.

A detailed description of the courses offered by this department follows:

I.—GENERAL CHEMISTRY. Three credits. Required Course II. Physics.

Lectures are given on general chemistry, and experiments are performed before the students in the lecture rooms, which bear directly on and pave the way for Agricultural Chemistry. For Freshmen. Spring term. J. H. Bluford.

II.—GENERAL CHEMISTRY. Three credits. Required Course I. Chemistry.

Lectures and laboratory work. The student goes into the laboratory and carries on experiments for himself, illustrating the principles he has learned in the lecture room. Text: Mimeographed Notes. For Sophomores. Fall and Winter terms. J. H. Bluford.

III.—QUALITATIVE ANALYSIS. Three credits. Required Course II. Chemistry.

Laboratory work. During this term the student becomes familiar with testing and especially the elements which enter into the composition of plant and animal life. For Sophomores. Spring term. J. H. Bluford.

IV.—Qualitative Analysis. Two credits. Required Course III. Chemistry.

Laboratory work. Qualitative analysis completed, acids. Text: Notes. Juniors. Fall term. J. H. Bluford.

V.—Agricultural Chemistry. Two credits. Required Course IV. Chemistry.

Lectures on the chemical composition of soils, plants and animals. The function of the various elements necessary for plant growth, and the various compounds for animal nutrition are discussed. For Juniors. Winter and Spring term. J. H. Bluford.

VI.—Quantitative Analysis . Five credits. Required Course IV. Chemistry.

Instruction is given in the analysis of soils, fertilizers and feeding stuffs, the object to acquaint the student with the chemical composition of soils, fertilizers and feeding stuffs, so that he may intelligently make use of reports and bulletins of experiment stations dealing with the chemical composition of various agricultural products. For Seniors. Fall term. J. H. Bluford.

VII.—Animal Toxicology. Two credits. Required Courses I., II., III. and IV. Chemistry.

Lectures are given on the poisonous plants and insects injurious to stock; the symptoms of poisoning; the pigments, insecticides, matches and vermin poison; the sources, elimination, and antidotes of stock poison, etc. For Seniors. Winter term. J. H. Bluford.

VII.—Feeding. Five hours. Required Courses III. Agriculture and V. and VI. Chemistry.

The laws of nutrition and the composition of animal bodies are briefly discussed. The composition and digestibility, market and food value of the various food stuffs are discussed. Nutritive ratios and the practical application of same in compounding rations for the various farm animals are carefully considered. Collateral reading required. Text: Feeding of Animals.—*Jordan.* For Seniors. Spring term.

I.—PHYSICS.

The work of the first term consists of five lectures and recitations per week, the subjects covered being Mechanics, Hydraulics, Hydrostatics and Pneumatics. The lectures are fully illustrated, and the practical applications of principles clearly pointed out. Full notes are required, and also some reference work. For Juniors. J. H. Bluford.

II.—HEAT, MAGNETISM AND ELECTRICITY. Three hours. Course I. Physics desired. Course IV. Mathematics.

These subjects are discussed in an elementary way, and the fundamental principles are illustrated.

Practical work is done in wiring and hanging electric bells. Special attention is given to the various kinds of galvanic cells, their uses and relative values. The course is made as practical as possible, so that a student on leaving the college can take up the work of electrician.

III.—SOUND AND LIGHT. Three hours. Course II. desired, V. Mathematics.

This is a continuation of Courses I. and II. and the same methods are adopted. Sound is treated briefly, but light is given a greater proportion of time so as to familiarize the student with the construction and mechanism of the most important optical instruments and the part played by it in animal and vegetable growth.

IV.—PHYSICAL LABORATORY WORK. Three hours. Courses I., II. and III. required.

This work is designed to fix the principles learned in the previous lectures firmly in mind by performing the experiments used on the lecture table.

Subjects: Mechanics of Masses, Liquids, Gases, Heat, and Electrical Measurements.

DEPARTMENT OF MECHANICS.

Jas. B. Dudley, President.
Geo. R. Tompkins, Director.
W. N. Nelson, Assistant Director.
W. H. Green, Instructor in Wood Turning.
Wm. Yates, Instructor in Tinsmithing.
W. L. Foggie, Instructor in Blacksmithing.
A. D. Watkins, Instructor in Masonry.
M. S. Sanders, Instructor in Broom Making.

From the beginning of the first year the students' time is spent in the lecture room, draughing rooms and shops. Students will be given an opportunity of visiting the various manufactories of the vicinity and the practical application of lectures pointed out.

The first two years in this department may be strictly a trade school. The first and second year students may, therefore, select the special line they wish to pursue and will be required to continue in that special work during the two years. After that time, those wishing to graduate from the institution will be given an opportunity for instruction in the other shops and will perfect themselves in matchematics, science and drawing.

Students who have not decided upon a trade, but who expect to take the full course, will pass from one shop to another spending a term in each for the first two years and the remaining two years will be spent in such special work as they may select.

EQUIPMENT.

Building—Two-story brick structure, with basement. On first floor are: Joinery, wood-turning shop, tin shop, machine shop, and model room; in basement are: Blacksmith shop, brick-masonry shop, wood-working shop and engine room, etc.

Buildings—The main building is a two-story brick structure with basement. On the first floor are located the Carpenter,

Mechanical Building

Tin and Machine Shops. The model room is also on this floor. In the basement are the Woodturning and Bricklaying Shops, also the Power and Heating Plant. The second floor contains the recitation, reading and drawing rooms.

The Blacksmith Shop is located in a one-story brick building at the rear of the main building. This is an up-to-date shop with the most modern equipment. An electric motor furnishes the necessary power.

The Reading Room is provided with Books of Reference, and Technical Journals. Equipment in Drawing consists of tables, drawing board and T squares. Students will provide themselves with instruments. A set of drawing tools may be rented for 25c. per term, payable in advance.

A dynamo has been installed and is used for experimental purposes and for lightig the shops. A Central Heating Plant has recently been put in the Mechanical Building. This furnishes opportunity to study the operations of the most improved steam heating system. Instruction in the following trades has been provided:

Architecture, Blacksmithing and General Repairing, Tinsmithing, Machinist, Wood-turning, Bricklaying and Plastering.

SUBJECTS OF INSTRUCTION.

I—Freehand Drawing. J. L. Foggie, Instr.

The course in Freehand Drawing is thoroughly practical and aims to cultivate the sense of proportion, to teach the student to read drawings of the shops and to give the student facility in sketching. The drawing is largely from blocks, and simple objects in line, light and shade. Throughout the Prepatory year, two-hour periods twice per week. J. L. Foggie.

II.—Mechanical Drawing. W. H. Green, Iinstr.

Fall Term—During this term instruction is given in lettering.

Winter Term—In this term the student draws from plates furnished by the teacher and receives instruction in the use of the instruments, the use of ink begins with this term.

Spring Term—In this term instruction is given in Geometrical Construction, and the principles of Projection.

Four hours per week during Freshman year. Text book: Mouckton's Desriptive Geometry.

III.—MECHANICAL DRAWING.

Fall Term—During this term instruction is given in practical descriptive Geometry and projectional drawing.

Winter Term—In this term the student is instructed in shading, tracing and lettering drawings.

Spring Term—During this term the student is taught is taught to make copies of different drawings, furnished by the teacher and to dimension his work.

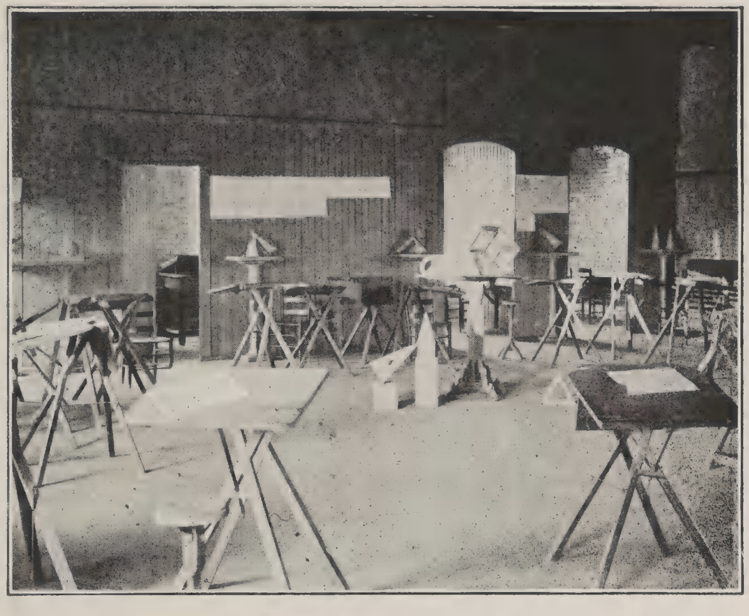
Four hours per week during Sophomore year. Text book: Mouckton's Descriptive Geometry.

IV.—MACHINE DRAWING. W. H. Green, Instr.

The student prepares for machine design by familiarizing himself with the proportions and the arrangement of various machines and their parts. The student begins with the work of dimensioning of elementary machine parts form sketches in magazines, text books and of machines of the shops. This leads gradually to the making of working drawings of machines. Through the Fall and Winter terms, two-hour periods twice per week for the Engineering and Trade courses and one two-hour period for the Engineering course during the Spring term of the Junior year.

V.—MACHINE DRAWING AND DESIGN. G. R. Tompkins, Instr.

At first the student is taught the design of tools and machines by having him consult freely the trade catalogues, and the working drawings of manufacturing concerns. One two-hour period throughout the Senior year. In addition to the machine drawing the students are given a brief outline of the various principles of mechanics. The necessary theory for proportioning screws, bolts, keys, cutters, shafting, couplings, hangers, belts and rope drives, friction and tooth gearing and engine parts are given.



Free Hand Drawing

Specimens of Wood Work

VI.—TOOLS AND MACHINES.

Lectures are given to the student upon the care of tools and the operation of the principal machines used in various shops. Two one-hour lectures during the first term of the Sophomore year.

VII.—MATERIALS.

The student is given the principal materials that are used in building construction and in machine construction, their uses, strength and general characteristics are discussed. The course is given in two one-hour periods during the second and third terms. Sophomore year. Green.

VIII.—STRENGTH OF MATERIALS.

A review of the principles of mechanics applicable to the strength of materials at rupture, the methods of manufacture, the methods of testing. The mechanical theory of the subject is mainly discussed. Two one-hour periods during first term of Senior year.

IX.—HYDRAULICS.

Hydrostatics and the flow of water over wurs, and through orifices, pipes, and open channels. Two one-hour periods during first term of Senior year.

X.—HYDRAULIC MOTORS.

Second and third terms of Senior year. Two hours per week. This course is designed to make the student familiar with the several types of water wheels which are in common use today. The mechanical theory of the turbine and Pelton wheels is developed in detail. Course IX. required.

XI.—SURVEYING.

The work of the class room covers the description of the use of the chain or tape in measuring line areas, the use of the compass, and the use and adjustment of the engineer's transit and wye level. The class is divided into field parties and practice is given in distances, land surveying with the tape alone and also with the compass and transit. The student is required to make a topographical drawing of some plot from notes obtained with the surveying instruments. One two-hour period during third term of the Senior year.

XII.—STEAM BOILERS.

A descriptive study of the various types and makes of steam generators in common use and the adaptability of each type to special localities; combustion of fuels, boiler settings, boiler accessories, legal requirements. The study covers the entire Sophomore year with three one-hour periods.

XIII.—STEAM ENGINES.

The following subjects are treated: Types—simple, compound and triple expansion, automatic, rotary and turbines; care and management; indicators, indicated and brake horse power. Steam pumps are also considered in connection with steam engines. Two one-hour periods first and second terms of the Junior year.

XIV.—MECHANICS.

This subject will be given throughout the Sophomore year. During the first and second terms the mechanics of solids will be taken up. During the spring term the mechanics of fluids and gases will be studied.

The subject will be presented in such a manner that a knowledge of arithmetic and algebra only will be required in the solution of the problems.

Special attention will be given to the graphical solution of all problems where such solutions can be used to advantage.

This subject is required in all of the courses after the Sophomore year except the drawing and shop courses.

XV.—POWER PLANT DESIGN.

During the second term of the Senior year the student makes a complete design of a power plant, showing position of engines, boiler, pumps, and the most important features. One two-hour period.

XVI.—ELEMENTS OF ELECTRICAL ENGINEERING.

This subject is begun in the Junior year with lectures and includes the practical application of electricity for power and lights. During the second and thrid term of the Junior year

Blacksmith Shop

Power Wood Shop

the student does laboratory work, which is at first elementary in character, with a view of initiating the student into the methods of connecting circuits, the making of measurements and the use of common apparatus and instruments.

XVII.—HEATING AND VENTILATING.

The course comprises lectures upon the various methods of heating and ventilating buildings. The systems of heating are developed from the fireplace to the most modern systems of the day. In connection with the course the student may take practical work in steam-fitting and tin work adapted to furnaces and stoves. For Juniors, third term.

XVIII.—GAS ENGINES.

Third term of Junior year. Two hours per week. The aim of this course is to give such theoretical knowledge of the working of the two and four cycle gas engine that the student will be able to make ordinary repairs intelligently. There are two gasoline engines in the laboratories of the department that are used for practical demonstrations. The great popularity of the automobile makes it very desirable that every student graduating from a mechanical school should have a knowledge of the gas engine. Course XIV. required.

XIX.—MECHANICS.

Throughout the Sophomore year. The first two terms will be devoted to the mechanics of solids. Special attention being given to the graphical solutions of problems in stress and strain. In the third term the mechanics of fluids will be taken up. The object of this course is to give the student a working knowledge of the fundamental principals upon which all structures and machines are built so that the student may intelligently perform the work required of him during his Junior and Senior years.

XX.—MECHANISM.

First and second terms of the Junior year. Two hours per week. This course aims to give as clearly and concisely as possible the principles of mechanical motion so that they may be applied to any mechanism for determining the motion of its parts and to show the methods of dealing with problems of machine design.

XXI.—Engine Handling.

During the first term of the Senior year the students are given practical instruction in the care and operation of the steam engine and its accessories. The student is required to spend two hours per week in the college power plant under the supervision of a practical stationary engineer. Course XIII. is required.

ARCHITECTURE.

XXII.—History of Architecture.

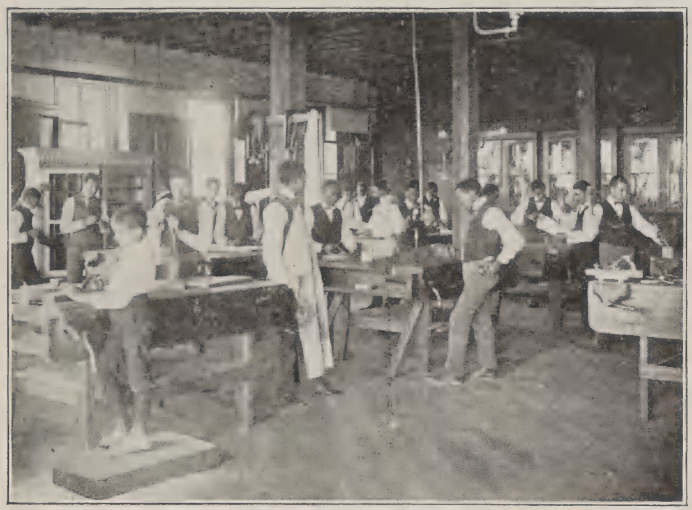
The evolution of the Art of Building is considered and the artistic achievement—planning, decoration of each of the periods is studied with reference to its structural methods, materials, and conditions. Juniors. Two hours per week.

XXIII.—Elements of Architecture and Architectural Drawing.

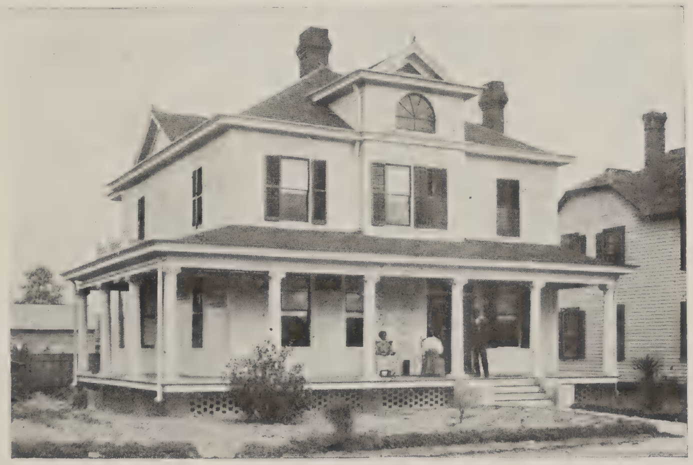
The student is given the classical orders to draw out in order to accustom his eye and mind to good architectural proportions. Great stress is laid on getting the student to the stage where he can draw well, be neat and exact in pencil, pen, and wash drawings. Junior year. Four hours per week.

XXIV.—Architectural Drawing.

The problems of this year are given to teach the student to think and reason correctly. In the Senior year the problems become more extensive. The student is made acquainted with the principles underlying the design of different kinds of buildings and the various requirements for such design. (The work covers the Senior year.)



Class in Carpentry



Home of Mr. E. N. Williams, Fayetteville, N. C., constructed by Mr. Chas. Gill, an Undergraduate of A. & M. College.

XXV.—Estimates.

The student is taught to estimate the cost of the different buildings that he designs and various problems are given him in order to familiarize him with usual methods of making estimates. (Two one-hour periods during the first and second terms of Senior year.)

XXVI.—Specifications.

The student is taught the requirements of a good specification; what should be included and what omitted; the relation of speciication to working drawings. Two hour periods second term Senior year.

SHOP WORK.

I.—Carpentry.

The course in carpentry is designed to cover four years. Each student is given instruction in house carpentry, shop carpentry, cabinet making, wood carving, wood turning and practice on wood-working machinery. During the first year the student is given exercises in planing, squaring, gauging, sawing, laying off lines and dimensions. The different joints of carpentry are made. In the second year, the student makes practical applications of the work of first year by making articles of furniture and of buildings.

During the third year practice on wood-working machinery, wood turning and wood carving are studied.

During the fourth year the student takes advanced lathe work, pattern work, cabinet work, veneering and polishing and construction work in carpentry.

UPHOLSTERING AND CABINET WORK—W. H. GREEN, INSTR.

II.—Upholstery. First Year.

Fall Term—Instruction in chair caneing and how to construct a cane seat chair.

Second Term—1. Mattress-making and materials to use. 2. Spring mattresses and their construction.

Third Term—1. French seats and how to make them. 2. Materials to use.

SECOND YEAR.

Fall Term—Spring seats and their construction.

Winter Term—Elementary instruction in veneering and marquetric cutting.

Spring Term—French and American varnishing and polishing. How to make polishes for furniture and pianos.

THIRD YEAR.

Fall Term—Staining and the composition of stains and the materials to use.

Winter Term—Gilding and the making of gold size for gilder's use.

Spring Term—This term covers the cutting and making of draperies and hangings, such as awnings, window shades, portieres and slip covers, etc.

FOURTH YEAR.

Lectures on period work and antiques and the construction of imitation antiques.

Six hours per week during each year.

III.—Wood-working Course. First Year.

During this year instruction is given in the

Fall—1. Uses of tools, their names and how to keep them in order.

Winter—2. Practice in squaring work in the lathe and simple turning.

Spring—3. Instruction in spindle turning.

SECOND YEAR.

In this year the student gets practical instruction in faceplate turning, such as cups, rosettes and all forms of hollow turning.

Tin Shop

THIRD YEAR.

During this year the student gets practical productive work under conditions similar to those in factories.

FOURTH YEAR.

The student gets practice in band sawing to pattern, pattern work and wood carving and the making of plaster moulds.

Six hours per week during each year. Each student will be required to provide himself with a rule, 1 pair of 6" dividers, 1 pair of "6" caliphers.

IV.—BASKETRY.

This is a one year subject divided as follows:

FIRST YEAR.

Fall Term—In this term instruction is given in the construction of the basket frame and in the use of the single and double weaves in basketry.

Second Term, Winter—During this term instruction is given in under and overweaving, pairing and triple twist construction.

Third Term, Spring—In this term the student is instructed in: 1. Making braided baskets and the method of braiding material. 2. Rush basket construction.

V.—FORGING.

The regular course in blacksmithing will consist of all kinds of welds, repairing wagons, buggies, and farm machinery; special stress on horse and the study of the hoof; wheelwright, making spokes, hubs, rims, axles, etc., building wagons and buggies. Divided as follows:

First Year Class—The care of fire, the use of hammer and care of the tools, making staples, hooks, rings, chains, and lessons from blue print from 1 to 12.

Second Year Class—Drawing out tools and tempering, making corner welds, butt welds, tie welds, different heats for proper iron and steel welds. Lessons from blue print from 12 to 24.

Third Year—Banding, strapping, twisting, upsetting, bolt making, thread cutting, and general tool making. Lessons from blue print 24 to 36.

The machine course will consist of rounding, squaring iron, welding iron and steel forging, and tempering machine tools.

VI.—Tinsmithing.

The student who takes sheet metal work must do considerable work in draughting patterns. The first year is devoted largely to familiarizing the student with the various tools, machines and materials used in the trade, and in cutting and plain soldering. During the second year sheet iron work is introduced, also riveting, bending, guttering, making cans, cups, etc., from patterns.

During the thir year the student is taught how to draft patterns and work from his own designs. He does work during the year in the following: Brazing cornice, stamping, joining cast iron, wrought iron, brass and lead pipes, furnace work, ornamental tin and exhibition work. (The course covers three years.)

VII.—Bricklaying.

The course in bricklaying will include plain house-building, plastering and concreting. The course is divided as follows:

First year class will be taught how to make mortar, the names and proper use of ordinary bricklayers' tools, the bonds, the bond rod, and the difference between headers and stretches in a wall.

The second year represent those intending to take the complete course. Their work will be: Building flues, plain four and nine inch walls, common arches, besides lathing and two-coat plastering work.

Third Year—Fireplaces, circular and gothic arches, bedding sills, whenever it is possible, cement work, pavements and hearths, white-coating and sand-finishing.

Fourth Year—Projections, flat arches, setting door and window frames, tiling and plain press brick work, kalsomining and concreting.

The work is sometimes interrupted by weather; in these cases lectures will be given, bearing on estimates, measurements, etc. A. D. Watkins.

ACADEMIC DEPARTMENT.

Jas. B. Dudley, President and Head of Department.
J. D. Chavis, Director of English.
Chas. E. Stewart, Director of Music and Asst. in English.
S. B. Jones, Mathematics.
B. W. Barnes, Instructor in Night School.

POST-GRADUATE COURSE—J. D. CHAVIS.

To enter this course, the applicant should have completed our Academic Course, or its equivalent elsewhere. Courses offered in our best High Schools and Academies will be accepted as equivalent. Credit will be given applicant for satisfactory experience in teaching.

(By special arrangement of the courses offered by the College, students may enter the regular Teachers' Course after completing the second year of the English Department and pursue it in connection with their Industrial Course.)

Practice in teaching will be required throughout the course.

A special reading course and thesis work will be outlined for each student, upon which he will be examined.

ENGLISH COURSE—J. D. CHAVIS.

FIRST YEAR.

Fall Term—Advanced Grammar, Study of the Sentence, Subject, Predicate, Complements and Modifiers; Phrases and Clauses, Easy Essays, Spelling.

Winter Term—Independent Elements, Complex and Compound Sentences, Eliptical Sentences, Recognition of Parts of Speech, Composition Work.

Spring Term—Inflection, Derivation, and Composition. General Review. Text: *Buehler.*

SECOND YEAR.

Fall Term—Rhetoric and Composition; Advanced Parsing and Analysis, Essays. (Buehler, Part III. is used as a basis.)

Winter Term—Rhetoric, Advanced Parsing and Analysis, Essays.

Spring Term—Rhetoric, Essays, Commercial Correspondence, Selections from English Classics.

THIRD YEAR.

Fall Term—(Text, Lockwood and Emerson.) History of the English Language, Composition Work. (Part I.)

Winter Term—Descriptive Narration, Theme Work and Composition. (Part II.)

Spring Term—Study of the Paragraph, Sentence, Words. (Part III.) Selections from leading authors.

FOURTH YEAR.

Fall Term—Advanced Essay, Logic, Reading English and American Classics, Figures of Speech.

Winter Term—English Classics and Literature, Criticism of Prose and Poetic Composition, Theme Work.

Spring Term—American and English Classics, Argumentation, Essays.

DESCRIPTION OF COURSES.

The course in English is designed to teach the pupil accuracy in the use of words; ease, clearness and force in expression, and the knowledge of the sentence and good composition.

The Freshman class will begin with Grammar and Composition, with practical application to Letter Writing, Notes and Topic Exercises. (Text: Buehler.)

The class will read and study selections of choice English. Reproductions of Short Stories will be required throughout the year.

Greenhouse, Interior View

The Sophomore class will begin with Rhetoric and Composition. The study of Etymology and Theme writing is required throughout this course; original description of daily work done in the Industrial Branches.

The Junior class will study General English Literature in connection with Rhetoric and Composition, noting critically at least one work of the leading authors. Exercises in *reading aloud* will be given.

The Senior class will have brief reviews in Grammar, Rhetoric and Composition, with a study of the English Classics. Elements of Logic and Argumentation will be studied in connection with *Theme Work*.

GENERAL HISTORY.

I. Brief study of the Ancient people. Special Lectures on Greek and Roman History. (Fall Term.)

II. The Mediaeval Nations. Special study of European and Asiatic Nations. (Winter Term.)

III. Brief History of Modern Nations. Lectures on American History. History of North Carolina. (Spring Term.)

PURE MATHEMATICS—S. B. JONES.

The following courses are offered: Arithmetic first year class, Algebra in the second year, Plane Geometry in the third year, Solid Geometry and Trigonometry in the fourth year.

I.—Arithmetic. First Year.

Fall Term—Percentage, interest, stocks and bonds, proportional parts, partnership.

Winter Term—Powers and roots, mensuration, compound proportion, exchange, measures of temperature, specific gravity.

Spring Term—Introduction to algebra, general review, miscellaneous problems.

Text-book: *Johnson's Advanced School Arithmetic.*

II.—ALGEBRA. Second Year.

Fall Term—First principles, four simple rules, integral linear equations, simple factoring.

Winter Term—Highest common factor, least common multiple, factors, fractions, fractional equations, simultaneous linear equations, problems.

Spring Term—Involution and evolution, theory of exponents; ratio and proportion; quadratic equations and problems involving the same.

Text-book: *Wells' First Course in Algebra.*

III.—PLANE GEOMETRY. Third Year.

Fall Term—Definitions, geometry of rectilinear figures, including theorems and exercises. Book I.

Winter Term—The geometry of the circle—definitions, theorems and exercises. The geometry of similar polygonous is begun. Book II. to Book III, Prop. XV.

Spring Term—The geometry of similar polygonous is continued. The geometry of regular polygous—definitions, theorems and exercises. Book III., Prop XV. through Book V.

Text-book: *Wells' New Plane Geometry.*

IV.—SOLID GEOMETRY. Fourth Year.

Fall Term—Lines and planes in space; the geometry of the pyramid, cone, sphere, etc.

V.—TRIGONOMETRY. Fourth Year.

Winter Term—Scope and practical applications of trigonometry; functions of angles; general formulae; logarithms.

Spring Term—Solution of right triangles; general properties of triangles; solution of oblique triangles.

Text-books: *Wells' New Plane and Solid Geometry; Wells' New Plane Trigonometry.*

Carnation House

BOOKKEEPING AND BUSINESS LAWS—W. N. NELSON.

SECOND YEAR.

Fall—Double Entry—Study of Debits and Credits, Study of the various accounts, Capital, Cash, Merchandise, Personal, Profit and Loss, Journal, Ledger and Trial Balance Books, Balancing and Closing of Accounts. Commercial Correspondence—Study of Business Papers and Letters, Modes and Forms of Expressions, Instruction as to Filing Letters and Papers.

Winter—Posting, Ruling, Balance Sheet, Pass Book, Writing Checks, Closing Ledger, Partnership, Exercises in Commercial Correspondence.

Spring—Closing out of a Business. Resources and Liabilities, Commercial Law and Business Papaers. Contracts—Construction, Arrangements, Essential Elements, Persons Competent to Make Contracts. Partnership—Advantages and Disadvantages, Rights, Duties. Corporations—Powers and Liabilities, Advantages, Formation, Laws Governing Them. Agency—How Created, Principal—His Duties, Rights and Liabilities; Agent—His Duties, Rights and Liabilities. Negotiable Papers—Notes, Bonds, Money Orders, Drafts, Endorsements, Protest, Duties of Holder. Legal Papers—Deeds, Deeds of Trust, Mortgages, General Principles governing same.

Text Book for Bookkeeping—The Twentieth Century Bookkeeping and Office Practice, J. W. Baker, Knoxville, Tenn. Practical Law. Ellis Publishing Co.

PREPARATORY DEPARTMENT.

I.—English.

Fall Term—Parts of Speech, Simple Sentences with Subject, Predicate, and Object, Dictation and Transcription, Spelling, Reading.

Winter Term—Parsing, Inflections of Nouns and Pronouns, Verbs, Adjectives, Adverbs, Reproduction of Easy Narratives, Spelling, Reading.

Spring Term—Parsing and Analysis, Turning outlines into continuous narratives, Punctuation. Stories from Hawthorne. Spelling Reading.

II.—UNITED STATES HISTORY.

The leading facts, causes and sequences showing growth of our country and national history will be studied with a view to develop patriotism.

The History of North Carolina will be studied with a view to develop State pride.

III.—GEOGRAPHY.

Fall—United States, British America, Mexico, Central America, West Indies and South America.

Winter—Europe and Asia.

Spring—Africa, Australia and Oceanica with general review.

IV.—ARITHMETIC.

Fall Term—Notation and numeration; four simple rules; factors; decimal fractions; highest common factor; least common multiple.

Winter Term—Common fractions; compound numbers.

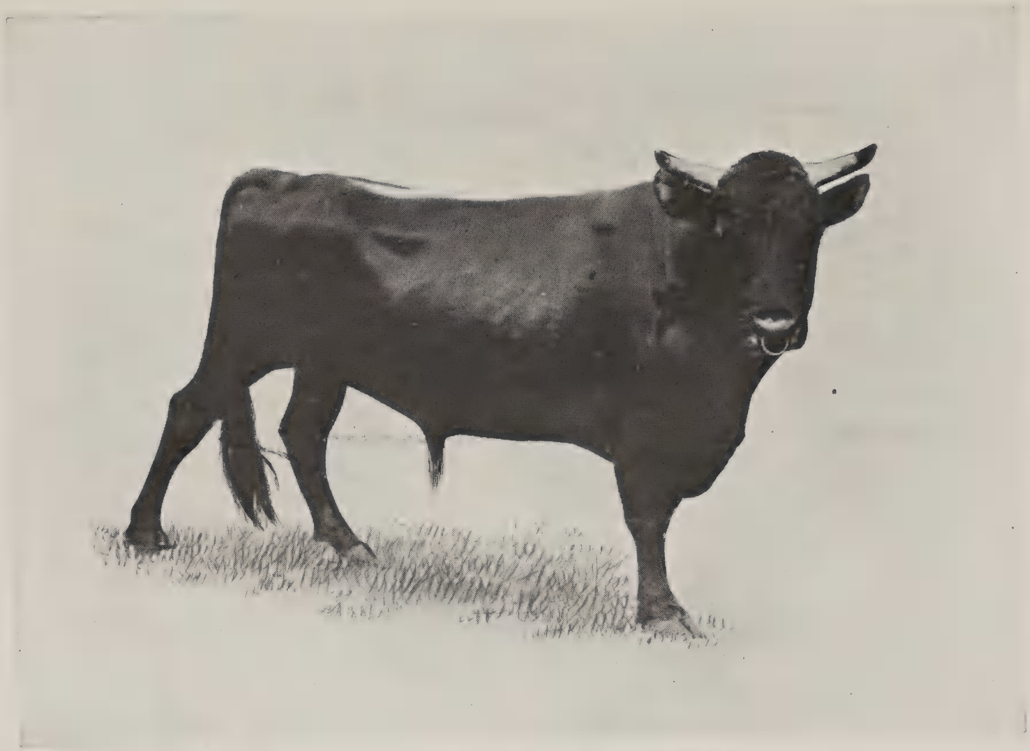
Spring Term—Practical measurements; metric system; general review.

Text-book: *Johnson's Advanced School Arithmetic.*

MUSIC—CHAS. E. STEWART.

The work in music for each class will embrace a practical study of the rudiments of music. Especial work will be done in unison and choral singing, a thorough study of the notes, scales, rests and smaller details being made.

A choral society, a band and an orchestra will be organized about the beginning of the school year. Those wishing to join



Trevarth General, A. J. C. C., No. 65092

any of these organizations must be at the school and ready for work as soon as possible in the early part of the fall term, for the band and orchestra cannot accept performers after this time unless by especial arrangement.

Those contemplating buying an orchestral or band instrument with the intention of joining either the band or orchestra should consult the instructor in music before doing so.

Those wishing to make a special study of the piano, voice, or one of the band or orchestral instruments will be given the opportunity of doing so at small cost.

NIGHT SCHOOL.

In order to extend the usefulness of this institution as far as possible among young men who are without means or friends to assist them, a night school will be conducted that will permit students to work during the day and attend school at night. While the opportunities for advancement in the night school will not be equal to those of the day school, the best that the conditions will permit will be given, and students attending the night school may eventually arrange to enter the day school. Courses completed in the night school receive the same credit as if completed in the day school.

It is especially desirous that the young men of the city who are employed during the day will avail themselves of this opportunity.

To enter the night school, the applicant should be sixteen years of age, and he should first secure work. This may be done by sending written application immediately to The President, A. & M. College, Greensboro, N. C.

ROSTER OF NIGHT SCHOOL.

Days	7—8	8—8.30	8.30—9	9—9.30
Monday.......	Arithmetic...	English......	Reading.....	Writing.....
Tuesday......	Arithmetic...	Geography...	Spelling.....	Reading.....
Wednesday....	Arithmetic..	English.....	Reading.....	Writing.....
Thursday.....	Arithmetic...	Geography...	Writing.....	Reading.....
Saturday.....	Arithmetic..	Geography...	Writing.....	Reading.....

Faculty

LIST OF GRADUATES.

1899.

"No steps backwards."

Cheek, W. T. C., B. S., State Normal.................Winston, N. C.
Cunningham, I. C., B. S., Physican.................Knoxville, Tenn.
Curtis, A. W., M. Agr., Agriculturist, W. Va. Col. Inst., Institute, W. Va.
Falkener, E. L., B. Agr.,.............................Tuskegee, Ala.
Joyner, J. M., B. Agr...............1329 Poplar St., Philadelphia, Pa.
Robinson, P. E., B. Agr..........................Greensboro. N. C.
Student Northwestern University, Chicago.
*Watson, A. ....Greensboro, N. C.

1900.

"By our efforts we rise."

*Best, C. H. ....Grove Hill, N. C.
Green, J. H., M. S..............................Wilmington, N. C.
Principal Welleston Graded School.
Moore, R. D., B. Agr., Postal Clerk................Wilmington, N. C.
Neal, J. P., B. S...............................Winston-Salem, N. C.
Plummer, E. S., B. S., Mechanic.....................Brooklyn, N. Y.
*Quick, J. R. ....
Robinson. Chas., B. S...............................Tuskegee, Ala.

1901.

"Fortune favors the brave."

Colson, E. F., B. Agr., Dairyman..................Greensboro, N. C.
Edwards, G. A., M. S...............................Raleigh, N. C.
Teacher, Manual Training, Shaw University.
Grimes, Frances T., B. S..........................Asheville, N. C.

1902.

"After the contest, victory."

Bullock, Mrs. H. A., B. S., Housekeeper............Greensboro, N. C.
Henderson, A. P., B. Agr................................. Chicago
Hepler, T. H., B. Agr., Dairyman......Station 3, Newport News, Va.
Holcombe, A. J. P., B. Agr...........................Raleigh, N. C.
Garrett, Mrs. F. E., Teacher ....Greensboro, N. C.
Mebane, A. L., M. Agr...............................Frankfort, Ky.
Agriculturist, State Normal School.
Quinn, Wm., B. S., Mechanic, D. & B. Institute.......Raleigh, N. C.
White, W. A., B. Agr..............................Hillsboro, N. C.

1903.

"More beyond."

Alexander, W. G., B. S., Engineer.......422 Elton St., Brooklyn, N. Y.
Amey, Chas. G., B. S., Manager Durham Textile Mills..Durham, N. C.
Burnett, A. C., B Agr., Teacher Agr. Carlisle Ind. School.Carlisle, Pa.
Forney, H. G., B. Agr., Agriculturist, J. K. Brick School..Enfield, N. C.
Haywood, Burke, B. S., Mechanic.....................Raleigh, N. C.
Holmes, J. W., B. S., Architect, St. Augustine School....Raleigh, N. C.
Hunter, C. C., B. Agr...........................West Raleigh, N. C.
Jefferson, C. B., B. S............................Warrenton, N. C.
McLendon, J. R., B. S.............................Topeka, Kansas
Mechanic, N. & I. School, Topeka, Kansas.
Robinson, R. R., B. Agr.............................Tuskegee, Ala.
Robinson, W. F., B. Agr., Florist, A. & M. College....Greensboro, N. C.
Yores, Edward, B. S.................824 N. 13th St., Philadelphia, Pa.

1904.

"Through the dust to the stars."

Chance, W. C., B. Agr., Pres. Hicks' Normal In. School.Parmalee, N. C.
Edward, W. T., B.S., 607 Lincoln St., Wilmington, Del. (Siler City, N.C.)
Greenlee, Percy C., B. Agr............111 Foot St., New Haven, Conn.
Jones, L. A., B. Agr.............................Rocky Point, N. C.
Oldham, A. A., B. S., Architect...................Greensboro, N. C.
Ramseur, L. L., B. Agr. (Croom, Md.) Teacher.........Newton, N. C.
*Reaves, W. V. ....Glendon, N. C.

1905.

"Thus ends our first lesson."

Hooper, L. B., B. Agr.........Central Mech. Works, Keyston, W. Va.
Johnson, J. L., B. Agr., Dairyman...................Greensboro, N. C.
Lamb, W. M., B. Agr., Dairyman..Box 1, Station 3, Newport News, Va.
Richie, E. W., B. S. (Howard Univ.).25 Wolwick St., Spartanburg, S. C.
Turner R. R., B. S., Tinner..........................Raleigh, N. C.
Watson, P. P., B. S.......High Point N. & I. School, High Point, N. C.

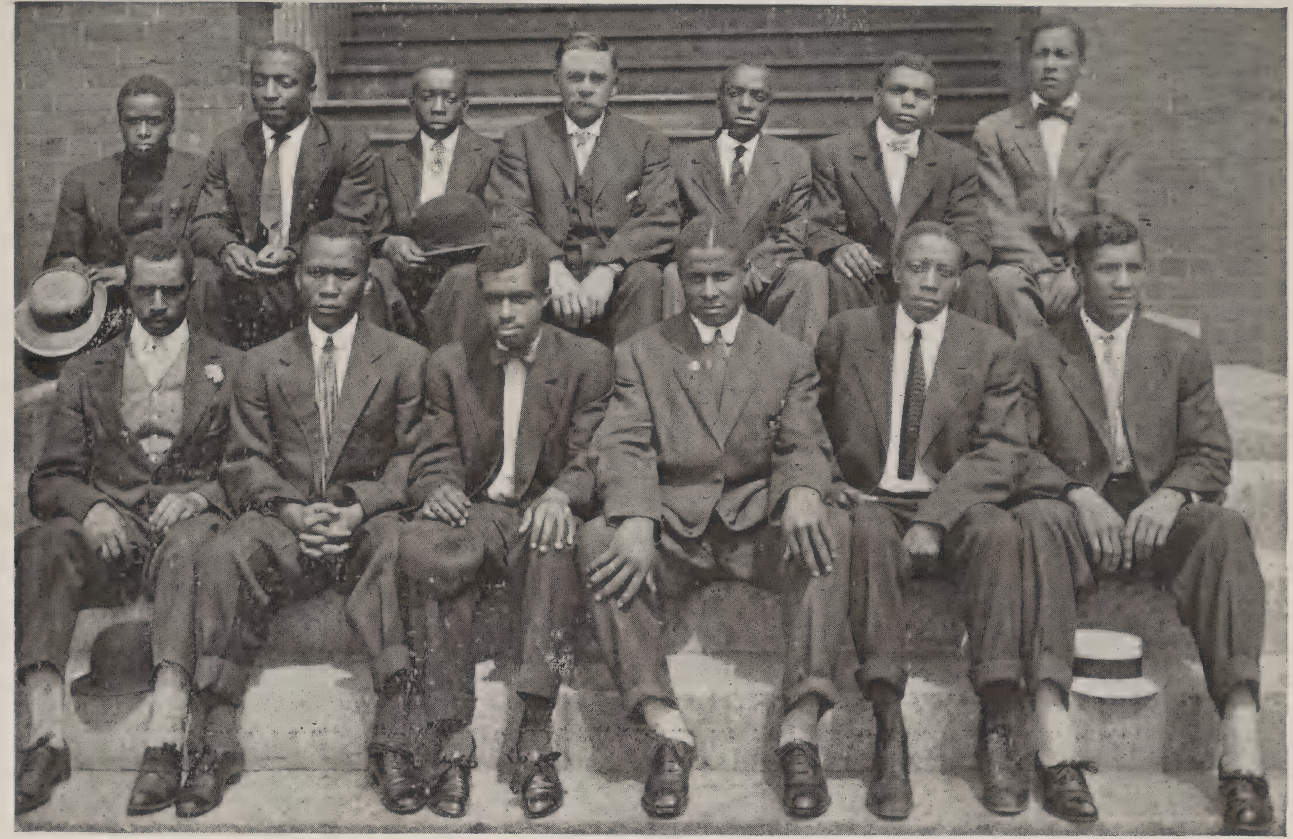
Specials.

Jones, G. W., Carpenter ....Greensboro, N. C.
Prather, E A. ....Hayti St., Raleigh, N. C.

1906.

"Our Aim Victory."

Ford, I. R., B. S., Manufacturer ....Greensboro, N. C.
Greenlee, N. B., B. Agr..........................Washington, D. C.
Hawkins, J. A., B. S....................................Cary, N. C.



Sophomore Class

Johnson, W. A., B. Agr., Dairyman...............Greensboro, N. C.
McRae, S. D., B. Agr...........................Thomasville, N. C.
Principal Graded School, Sanford, N. C.
Rand, John Milton, B. Agr....529 Spruce St. N. W., Washington, D. C.
Stewart, Needham, B. Agr., Dairyman..520 W. Market St., Greensboro

Special, With Short Course Certificates.

Baldwin, M. L., Rev. ....Greensboro, N. C.
Lee, Jas. A. ....Thomasville, N. C.
Faduma, Arisatuke, Troy Academy (Prin.)...............Troy, N. C.

1907.

"Climb tho' the rock be rugged."

Caesar, Robert, B. Agr...........................Mount Airy, N. C.
Carter, O. H., B. Agr., ...Fayetteville, N. C.
Donnell, Clyde, B. Agr. (Washington, D. C.)........Greensboro, N. C.
Davis, Chas. G., B. S.............................Greensboro, N. C.
Keck, William, B. Agr. (Washington, D. C.)........Greensboro, N. C.
Rivera, T. A., B. Agr..................................Durham, N. C.
Scott, Chas. A., B. Agr...............................Cambria, Va.
Head. Agricultural Dept. Christiansburg Institute.
Smith, Edward, B. S..............................Greensboro, N. C.
Truman, J. C., B. S...................................Durham, N. C.
Williams, M. W., B. Agr (Arelie).....................Halifax, N. C.

Special.

*Leach, Thomas ....Pittsboro, N. C.

1908.

"Lifting as we climb."

Alston, A. J., B. Agr...................................Arcola, N. C.
Bailey, N. A., B. Agr....................Pittsboro, N. C., R. F. D. 2.
Baldwin, Seaton, B. Agr..........Philadelphia, Pa., 708 S. Mervin St.
Cotton, Samuel, B. S...............Philadelphia, Pa., 708 S. Mervin St.
Darden, A. N., B. Agr...................Wilson, N. C., 110 Pender St.
Flow, Baxter D., B. Agr..........Matthews, N. C., R. F. D. 28, Box 50.
Foster, Chas. L., B. S. ....Prairie View, Texas
Harrison, M. L., B. S......................Yorkville, S. C., R. F. D. 2.
Harrison, R. H., B. S......................Yorkville, S. C., R. F. D. 2
Johnson, Enoch J., B. Agr...............................Cheraw, S. C.
Lamb, J. L., B. Agr...........................Fentress, Va., Box 26
McGimpsey, J. R., B. Agr..........................Fonta Flora, N. C.
Merrick, Edward R., B. Agr........Durham, N. C., 406 Fayetteville St.
Powell, Wylie, B. Agr...................................Wilson, N. C.
Reid, Chas. B., B. Agr....................Wadesboro, N. C., Box 133

Smith, John R., B. Agr	Louisburg, N. C.
Spaulding, John W., B. S.	Elkton, N. C.

Special.

Holmes, W. H	Goldston, N. C.

Class of 1909.

Barnes, B. W., B. Agr., Bursar A. & M. College	Greensboro
Berry, Richard, B. S.	Orange
Crawford, J. L., B. Agr	Wilson
Davis, C. J., B. Agr., Public School Teacher	Anson
Davis, J. H., B. Agr	Edgecombe
Evans, Edward, B. S., (Stu. Howard Univ. Washington)	Cumberland
Gill, Jas. C., B. Agr., Agriculturist State Nor. Sch.	Fayetteville, N. C.
Mabery, Samuel, B. S.	Catawba
Markham, W. H., B. S.	Durham
Maske, J. D., B. S., Teacher Manual Training, Sedalia, N. C.	Anson
Mitchell, John W., B. Agr.	Cumberland
Nelson, Fred D., B. S.	Guilford
Price, P. B., B. Agr	Edgecombe
Webb, H. E., B. Agr., Farmer	Alamance
Wray, John D., B. Agr., Asst. Farm Supt. Tuskegee Inst.	Tuskegee, Ala.
Waugh, George, B. Agr.	Guilford
Wilkins, J. W., B. Agr	Durham

Two-Year Course Graduates.

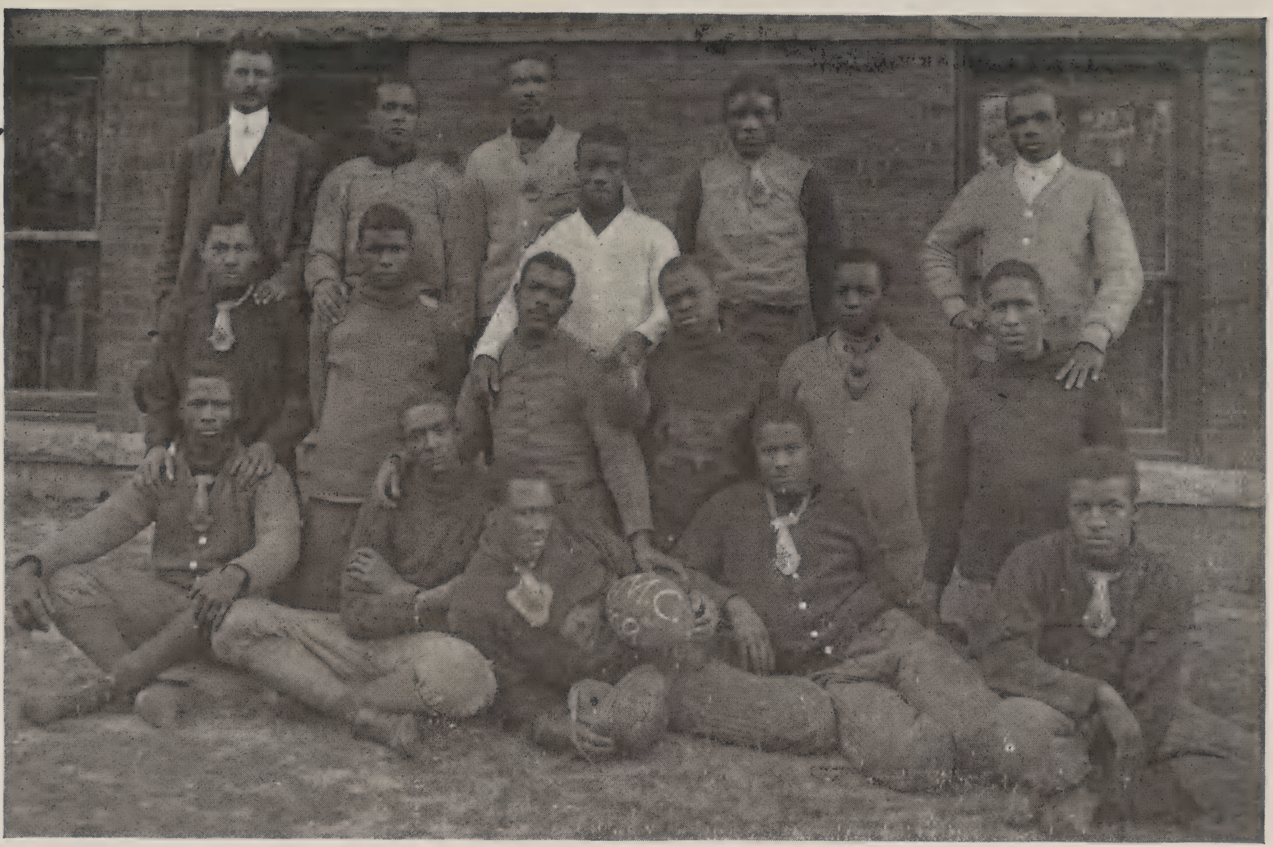
Ingram, W. H., Farmer	Anson
Jordan, J. F., Farmer	Guilford

*—Deceased.

GRADUATES OF THE PREPARATORY DEPARTMENT.

Class of 1900.

Alston, Sarah V. (Miss.)	Raleigh, N. C.
Carter, Alma J. (Miss) Teacher)	Reidsville, N. C.
Colley, J. C.	Durham, N. C.
Cotton, Lillian (Miss)	Chester, S. C.
*Davis, L. E.	Wilmington, N. C.
Davis, Mary O. (Miss)	Hillsdale, N. C.
Davis, R. T.	Wilmington, N. C.
*Dudley, S. Inez (Miss)	Greensboro, N. C.
Dunham, P. Wm.	Euloria, S. C.



Football Team, 1909-10

Farrington, Bertha (Miss)	Greensboro, N. C.
Hooper, T. H.	Winston, N. C.
Jeffreys, Annie F. (Miss)	Petersburg, Va.
Jones, Estella D. (Miss)	Chapel Hill, N. C.
McKenzie, Sarah P. (Miss) Teacher	Greensboro, N. C.
Pritchett, Nannie L. (Miss)	Greensboro, N. C.
*Quick, Knox S.	Laurinburg, N. C.
Richardson, M. L. (Miss)	Wilmington, N. C.
Simmons, Victor W.	Statesville, N. C.
Strong, Andrew J.	Norfolk, Va.
Willis, Josie H. (Miss)	Wilmington, N. C.
Wilson, Lillie B. (Miss)	Hillsboro, N. C.
Witherspoon, Annie F. (Miss)	Greenville, N. C.
Wooten, David	Princeville, N. C.
Wright, Annie C.	Danville, Va.

Class of 1901.

Gwyn, Cecil B. (Miss)	Greensboro, N. C.
*Jones, Georgia (Miss)	Raleigh, N. C.
Jackson, N. E.	Carthage, N. C.
Logan, Erkwood	Gale, N. C.
Lipscombe, Hattie B. (Miss)	Newport News, Va.
Mapp, Sadie (Miss)	Philadelphia, Pa.
Palmer, Dinah (Miss)	Church Hill, N. C.
Reaves, W. V.	Greensboro, N. C.
Rankin, A. E.	Greensboro, N. C.
Reynolds, Mattie (Miss)	Waynesville, N. C.
Watson, Della A. (Miss)	Grove Hill, N. C.

*—Deceased.

N. B.—In order that this list may be kept accurately, graduates are requested to inform the President of any change in address, vocation, etc.

SCHOLARSHIPS AND PRIZES FOR 1910-1911.

The A. M. Scales Scholarship of $25.00 to the Junior having the highest record; available at the beginning of the Senior year. Awarded to F. B. Williams, class of 1911.

The Alumni Association Scholarship of $25.00 to the Sophomore having the best record; available at the beginning of the Junior year.

The North Carolina Mutual and Provident scholarship of $25.00 to the Freshman having the highest record; available at the beginning of the Sophomore year. Won by Lawrence Christmas, class of 1913.

The A. & M. Local Alumni Association at Tuskegee Institute scholarship of $25.00 to be given to the student making the highest average in his entrance examination; available at the beginning of the Freshman year.

The class of 1909 scholarship of $15.00 to be given to the student that has the second highest average in the Freshman class; available at the beginning of the Sophomore year.

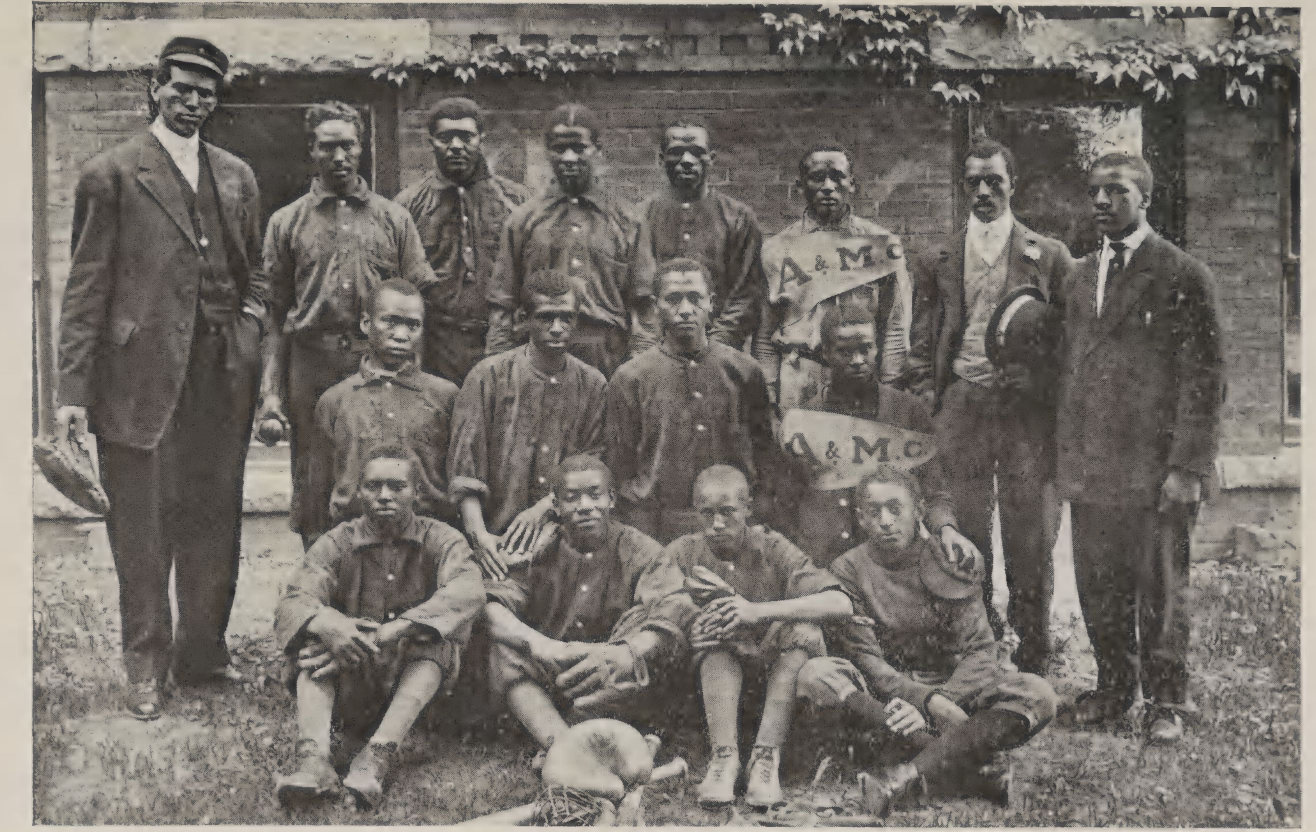
The Kimball scholarship of $25.00 to be given to the Junior who has the highest average in the Agricultural department; available at the beginning of the Senior year.

The Virginia-Carolina Chemical Company—a prize of $20.00 to the Senior having the highest record in Agriculture. Won by C. V. Dixon; a prize of $5.00 to the Senior having the next highest record. Won by N. R. Lewis.

The T. W. Wood & Sons, seed dealers, Richmond—a Loving Cup to be given to the Junior having the highest average in Agriculture; to be awarded in the Senior year. Won by F. B. Williams, class 1911.

The Odell Medal to be given to the student in the Senior class having the highest record in the Mechanical department.

The Hagan's medal for the Senior having the highest average in English. Won by C. W. Lawrence.



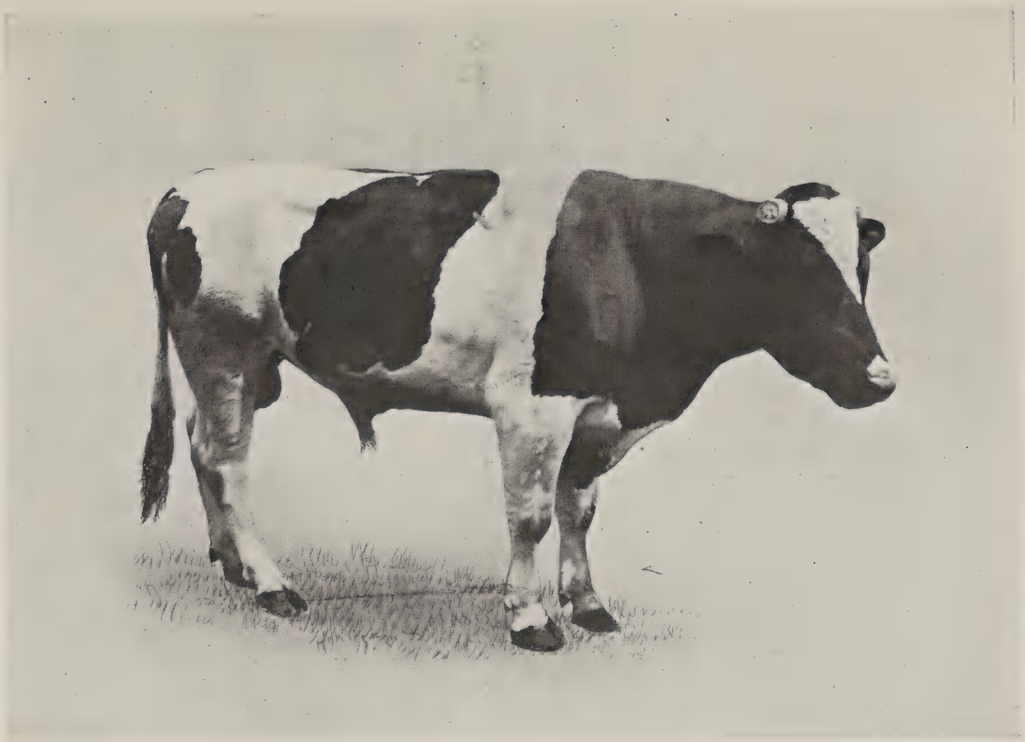
Baseball Team, 1910

LIST OF STUDENTS.

Preparatory Class.

Alexander, Reece	Guilford
Alexander, Nathaniel	Cabarrus
Alston, Jerry	Guilford
Alston, H.	Halifax
Alston, Kinchin	Halifax
Allen, H. B.	Anson
Anthony, J. A.	Guilford
Barbee, Atlas	Durham
Blake, Joseph	Wake
Blue, John H.	Robeson
Booth, Thomas	Orange
Buirdick, George	Virginia
Caldwell, J. F.	Cabarrus
Chapman, Ned.	South Carolina
Christian, Charles	Montgomery
Christian, Lewis	Montgomery
Clark, Clemmie	Scotland
Covington, J. P.	Alamance
Cowan, H. B.	Iredell
Craver, R. B.	Davidson
Crow, R. W.	Orange
Daves, Geo. W.	Nash
Davidson, Edward E.	Mecklenburg
Dick, Henry G.	Guilford
Dick, Luther	Guilford
Dupree, Dennis	Greene
Dupree, Jacob	Greene
Eatmon, Bennett	Wilson
Ellison, Lewis	Greene
Farrington, E. W.	Guilford
Ford, Jas. L.	Rutherford
Foster, Samuel	Buncombe
Foxhall, Lancaster	Beaufort
Fulton, Samuel H.	Stokes
Gilchrist, Robert	Guilford
Goodman, Jas. Roy	Robeson
Grandy, Wm. H.	Johnston
Graves, Charlie	Guilford
Greene, Burman	Warren
Hairston, Edward	Forsyth

Hardy, George	Mecklenburg
Hargraves, James	Halifax
Harper, Bert	Greene
Harris, John	Cabarrus
Harris, Melroy	Warren
Hayden, Charles	Virginia
Headen, Guy	Guilford
Hines, Richmond W.	Richmond
Hocutt, H. H.	Johnston
Hollomon, Raleigh Bledsoe	Hertford
Ingram, J. P.	Anson
Johnston, E. K.	Halifax
Johnson, R. L.	Mecklenburg
Johnson, Leroy	Iredell
Jones, Willie	Orange
Kallam, Chester	Stokes
King, Lloyd	Rockingham
Lassiter, James W.	Gates
Ledbetter, Preston H.	Montgomery
Lopp, Orville	Davidson
McConnell, Ellison	Guilford
McConnell, Joseph	Guilford
McCullough, Starkey	New Hanover
McNair, Artemus	Robeson
McNeill, Frank	Scotland
McRae, J. A.	Robeson
McWilliams, Morris	Halifax
Malloy, P. A.	Scotland
Maxwell, Jas.	Mecklenburg
Mills, Shadrack	Rutherford
Minter, Arthur	Lee
Mitchell, Wm. Henry	Guilford
Monk, William	Guilford
Noble, Henry	Rockingham
Noble, W. L.	Rockingham
Pace, S. W.	Virginia
Peace, C. W.	Moore
Perry, William	Johnston
Petty, Calvin	Craven
Pyatt, Edward	South Carolina
Ralph, Arthur	Gates
Ready, James	New Hanover
Richmond, James	Guilford
Riddick, Zachariah	Richmond
Robinson, C. H.	Anson



Holstein Bull

Russell, Hampton H.	Cabarrus
Sapp, John	Guilford
Sawyer, Dayton	Surrey
Scurlock, David	Moore
Sellars, Henry	Chatham
Simmons, Jerry	Pender
Slade, Lawson	Wake
Snipes, John Henry Walter	Guilford
Small, Stanley	Davidson
Smith, Howard	Illinois
Spaulding, Cephas	Columbus
Taylor, Joseph	Orange
Thompson, Chas. Frank	Moore
Thompson, Willie	Moore
Torrian, Oscar	Guilford
Torrian, Eugene	Guilford
Tyson, Henry	Moore
Walls, Graham	Richmond
Walls, Hassie	Richmond
Walker, Clarence	Guilford
Watson, Jesse	Chatham
Watson, George Washington	Chatham
Weaver, Rufus	Orange
White, Charles S.	Cabarrus
Whitley, B. W.	Johnston
Williams, A. L.	Richmond
Williams, J. H.	Halifax
Wooten, Samuel	Edgecombe

First Year Class.

Abernathy, Frank	Lincoln
Anderson, W. T.	Virginia
Barber, John H.	Cabarrus
Benton, Jos. L.	Orange
Bost, Kedron E.	Davidson
Burgin, Wm.	South Carolina
Burnett, Foster	New Hanover
Christmas, Lawrence	Cumberland
Cochrane, R. B.	Catawba
Cody, Sylvester	Guilford
Dortch, Ralph W.	Wayne
Dowtin, J. W.	Halifax
Colson, John A.	Anson
Compton, Wm.	Guilford

Ellison, B. J.	Greene
Feamster, Leon	Iredell
Fitzgerald, John	Guilford
Floyd, John	Robeson
Foster, Wm. H.	Guilford
Gaines, Samuel	Cabarrus
Hannah, S. F.	Chatham
Harrison, J. W.	Lee
Harvey, Harrington	Bermuda, B. W. I.
Holland, George	Gaston
Hollomon, Herbert	Hertford
Humphrey, W. H.	Gaston
James, Henry W.	New Hanover
Jordan, Chas.	Washington
Koger, Weeley	Guilford
Lassiter, J. C.	Wilson
Leak, Jas. A.	Wake
Lindsay, Ulysses, G.	Guilford
Locklayer, George	Virginia
Love, C. P.	Haywood
Love, George B.	Haywood
McConnell, W. A.	Guilford
McKellar, Duncan	Robeson
McNeill, Claudius W.	Wake
McRae, Willie	Wake
McRae, Owen L.	Moore
Mills, Chester	Rutherford
Newsome, W. F.	Guilford
Powell, S. W.	Robeson
Quick, J. D.	Richmond
Reynolds, W. R.	Gates
Riddick, Walter E.	Virginia
Roberts, George	Cleveland
Sanks, Carlos C.	Maryland
Simmons, Sidney B.	Cumberland
Smith, Harry	Guilford
Swann, J. T.	Alamance
Tucker, W. J.	Robeson
Watson, Henry	Durham
White, Charles G.	Ohio
Williams, Daniel P.	Wilson
Wood, Albion T.	Guilford

Second Year Class.

Brooks, Samuel	Guilford

Brown, Daniel Edward	Onslow
Brown, Samuel James Fink	New Hanover
Drake, Charles	Richmond
Ferguson, Lanston	Virginia
Finney, J. L.	Virginia
Foster, Edward E.	Guilford
Guess, William H.	Wayne
Harris, Carris Blaine	Warren
Holden, Percy Spafford	Franklin
Leak, Henry Clayton	Richmond
Lightner, R. H.	South Carolina
McConnell, Willie J.	Guilford
Mosley, Weldon Henry	Mecklenburg
Pope, John Israel	Franklin
Quick, John D.	Richmond
Shuford, James Standford	Buncombe
Smyre, Mayfield F.	Catawba
Thomas, Elwood Paul	Davidson
Webb, James O.	Virginia
Wharton, Fletcher Decatur	Guilford

Third Year Class.

Bryant, William Henry	Wilson
Busbee, Robert Lincoln	Greene
Byarm, Alonza Luther	Mecklenburg
Donnell, Clifford Smith	Guilford
Mask, James Walter	Anson
Moore, Lonnie	Mecklenburg
Slade, Sir Walter Raleigh	Wake
William, Frederick Bertrand	New Hanover

Fourth Year Class.

Bunn, Roger Edgar	Wayne
Byarm, Luther P.	Mecklenburg
Dixon, Cornelius Vanderbilt	Alamance
Johnson, Alonzo Bernard	Person
Lawrence, Cephas Warrick	New Hanover
Lewis, Needam Roscoe	Johnson
Pearson, Harry	Pender
Sanders, Madison Samuel	South Carolina
Waugh, Sterling Thomas	Guilford

Special.

Fitzgerald, Wm. H.	Durham
Jackson, C. V.	South Carolina

McKeiver, Edward	South Carolina
Pair, O. L.	Wake
Thompson, Albert H.	South Carolina
Thompson, R. T.	South Carolina

Post Graduates.

Barnes, Boisy Winslow	Edgecomb
Gill, James Caswell	Cumberland
Price, Pierre Bayard	Edgecomb
Wilkins, Joseph Waltham	Durham

Distribution of Students by States and Counties of North Carolina.

County.	No.	County.	No.	County.	No.
Alamance	3	Gaston	2	Onslow	1
Anson	5	Gates	3	Orange	6
Buncombe	2	Greene	6	Pender	2
Beaufort	1	Guilford	35	Person	1
Cabarrus	7	Halifax	7	Richmond	9
Catawaba	2	Haywood	2	Robeson	8
Chatham	4	Hertford	2	Rockingham	3
Cleveland	1	Iredell	3	Rutherford	3
Craven	1	Johnson	5	Scotland	3
Columbus	1	Lee	2	Surry	1
Cumberland	3	Lincoln	1	Stokes	2
Davidson	5	Mecklenburg	8	Wake	7
Durham	4	Montgomery	3	Warren	3
Edgecombe	3	Moore	6	Wayne	3
Franklin	2	Nash	1	Washington	1
Forsyth	1	New Manover	7	Wilson	4

Summary of Regular Students.

North Carolina	195
South Carolina	9
Virginia	9
Bermuda, B. W. I.	1
Illinois	1
Maryland	1
Ohio	1
Total	217

Distribution of Summer School Students.

County.	No.	County.	No.	County & State.	No.
Alamance	2	Guilford	104	Robeson	1
Buncombe	1	Montgomery	1	Richmond	2
Catawba	1	Monroe	1	Rockingham	2
Chatham	1	Moore	1	Stokes	1
Davidson	2	New Hanover	4	Vance	1
Davie	1	Onslow	1	Wake	2
Durham	3	Orange	1	South Carolina	2
Forsyth	8	Randolph	2	Indiana	1

Summary of All Students for Year Ending May 31, 1910.

North Carolina	338
South Carolina	11
Virginia	9
Bermuda, B. W. I.	1
Illinois	1
Indiana	1
Maryland	1
Ohio	1
Total	363

Number of States	6
Number Foreign Countries	1
Number of Counties of North Carolina	52
	59

A. & M. COLLEGE SCHEDULE

A. M. **Fall Term** **P. M.**

Days	8:30-9	9-10	10-11	11-12	12-1	2-4	7-9:30
Mon.	Chapel Exercises.	P English	Arithmetic	Geography	N. C. History	Shop, Dry, G House	Study Hours—Night School.
		I. Arithmetic	English	Physiology	Plant Biology	Shop, Dry, G House	
		II. A. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		M. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		III. A. Physics	Animal Breeding	English	Geometry	Chemistry	
		M. Physics	Steam Engine	English	Geometry	Shop	
		IV. A. Entomology	Agr. Physics	Solid Geometry	English	Agronomy (2)	
		M. Eng. Hand'g	Materials (2)	Solid Geometry	English	Shop	
Tues.		P English	Arithmetic	Geography	....	Drawing	
		I. Arithmetic	English	Gen. History	Music	Drawing	
		II. A. English	Algebra	Bookkeeping	Physics	Drawing (Geom.)	
		M. English	Algebra	Bookkeeping	Physics	Drawing (Geom.)	
		III. A. Horticulture	Bacteriology	....	Geometry	Dairying	
		M. Elec. Eng.	Mechanism	....	Geometry	Drawing	
		IV. A. Farm Mech	Political Economy	Solid Geometry	English	Chemistry	
		M. Hydraulics	Political Economy	Solid Geometry	English	Drawing	
Wed.		P English	Arithmetic	Geography	N. C. History	Shop, Dry, G House	
		I. Arithmetic	English	Physiology	Plant Biology	Shop, Dry, G House	
		II. A. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		M. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		III. A. Physics	Animal Breeding	English	Geometry	Chemistry	
		M. Physics	Steam Engine	English	Geometry	Shop	
		IV. A. Entomology	Agr. Physics	Solid Geometry	English	Agronomy	
		M. Eng. Hand'g	Materials	Solid Geometry	English	Shop	
Thurs.		P English	Arithmetic	Writing	Music	Drawing	
		I. Arithmetic	English	Gen. History	Biology	Drawing	
		II. A. English	Algebra	Bookkeeping	Physics	Drawing (Geom.)	
		M. English	Algebra	Bookkeeping	Physics	Drawing (Geom.)	
		III. A. Horticulture	Bacteriology	English	Geometry	Dairying	
		M. Elec. Eng.	Mechanism	English	Geometry	Drawing	
		IV. A. Farm Mech	Political Economy	Solid Geometry	English	Chemistry	
		M. Hydraulics	Political Economy	Solid Geometry	English	Drawing	
Fri.		P English	Arithmetic	Geography	N. C. History	Shop, Dry, G House	
		I. Arithmetic	English	Physiology	Plant Biology	Shop, Dry, G House	
		II. A. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		M. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		III. A. Physics	Animal Breeding	English	Geometry	Chemistry	
		M. Physics	Steam Engine	English	Geometry	Shop	
		IV. A. Entomology	Agr. Physics	Solid Geometry	English	....	
		M. Eng. Hand'g	....	Solid Geometry	English	....	

Music for the 2nd, 3rd and 4th year classes, Mondays, Wednesdays and Fridays.

A. & M. COLLEGE SCHEDULE

Winter Term

A. M. **P. M.**

Days	8:30-9			9-10	10-11	11-12	12-1	2-4	7-9:30
Mon.	Chapel Exercises.	P		English	Arithmetic	Geography	U. S. History	Shop, Dry, G House	Study Hours—Night School.
		I.		Arithmetic	English	Physiology	Animal Biology	Shop, Dry, G House	
		II.	A.	English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
			M.	English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		III.	A.	Physics	Study of Breeds	English	Geometry	Chemistry	
			M.	Physics	Steam Engine	English	Geometry	Shop	
		IV.	A.	Entomology	Agr. Physics	Trigonometry	English	Agronomy	
			M.	P P Designs	Estimates	Trigonometry	English	Shop	
Tues.		P		English	Arithmetic	Writing	Writing	Drawing	
		I.		Arithmetic	English	Gen. History	Music	Drawing	
		II.	A.	English	Algebra	Bookkeeping	Physics	Geom. Drawing	
			M.	English	Algebra	Bookkeeping	Physics	Geom. Drawing	
		III.	A.	Horticulture	Bacteriology	Notes	Geometry	Dairying	
			M.	Elec. Eng.	Mechanism	Notes	Geometry	Drawing	
		IV.	A.	Farm Mech	Political Economy	Trigonometry	Pomology	Chemistry	
			M.	Hyd. Motors	Political Economy	Trigonometry	House Planning	Drawing	
Wed.		P		English	Arithmetic	Geography	U. S. History	Shop, Dry, G House	
		I.		Arithmetic	English	Physiology	Animal Biology	Shop, Dry, G House	
		II.	A.	English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
			M.	English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		III.	A.	Physics	Study of Breeds	English	Geometry	Chemistry	
			M.	Physics	Steam Engine	English	Geometry	Shop	
		IV.	A.	Entomology	Agr. Physics	Trigonometry	English	Agronomy	
			M.	P P Designs	Estimates	Trigonometry	English	Shop	
Thurs.		P		English	Arithmetic	Writing	Music	Drawing	
		I.		Arithmetic	English	Gen. History	Biology	Drawing	
		II.	A.	English	Algebra	Bookkeeping	Physics	Geom. Drawing	
			M.	English	Algebra	Bookkeeping	Physics	Geom. Drawing	
		III.	A.	Horticulture	Bacteriology	Notes	Geometry	Dairying	
			M.	Elec. Eng.	Mechanism	Notes	Geometry	Drawing	
		IV.	A.	Farm Mech	Political Economy	Trigonometry	Pomology	Chemistry	
			M.	Hyd. Motors	Political Economy	Trigonometry	House Planning	Drawing	
Fri.		P		English	Arithmetic	Geography	U. S. History	Shop, Dry, G House	
		I.		Arithmetic	English	Physiology	Animal Biology	Shop, Dry, G House	
		II.	A.	English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
			M.	English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		III.	A.	Physics	Study of Breeds	English	Geometry	Chemistry	
			M.	Physics	Steam Engine	English	Geometry	Shop	
		IV.	A.	Entomology	....	Trigonometry	English	....	
			M.	P P Designs	....	....	English	....	

Music for the 2nd, 3rd and 4th year classes, Mondays, Wednesdays and Fridays.

A. & M. COLLEGE SCHEDULE

A. M. **Spring Term** **P. M.**

Days	8:30-9	9-10	10-11	11-12	12-1	2-4	7-9:30
Mon.	Chapel Exercises.	P English	Arithmetic	Geography	U. S. History	Shop, Dry, G House	Study Hours—Night School.
		I. Algebra	English	Physiology	Animal Biology	Shop, Dry, G House	
		II. A. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		M. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		III. A. Physics	Vet. Science	English	Geometry	Chemistry	
		M. Physics	Heat, Ventilation	English	Geometry	Shop	
		IV. Botany, Etc.	....	Trigonometry	English	....	
		M..............	....	Trigonometry	English	Shop	
Tues.		P English	Arithmetic	Writing	Writing	Drawing	
		I. Algebra	English	Gen. History	Music	Drawing	
		II. A. English	Algebra	Bookkeeping	Physics	Geom. Drawing	
		M. English	Algebra	Bookkeeping	Physics	Geom. Drawing	
		III. A. Horticulture	Geology	Notes	Geometry	Dairying	
		M. Elec. Eng.	Gas Engines	His. of Architecture	Geometry	Drawing	
		....	Political Economy	Surveying	Surveying	Agr. Chemistry.	
		M. Specifica.	Political Economy	Surveying	Surveying	Drawing	
Wed.		P English	Arithmetic	Geography	U. S. History	Shop, Dry, G House	
		I. Algebra	English	Physiology	Animal Biology	Shop, Dry, G House	
		II. A. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		M. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		III. A. Physics	Vet. Science	English	Geometry	Chemistry	
		M. Physics	Heat, Ventilation	English	Geometry	Shop	
		IV. Botany, Etc.	....	Trigonometry	English	....	
		M..............	....	Trigonometry	English	Shop	
Thurs.		P English	Arithmetic	Writing	Music	Drawing	
		I. Algebra	English	Gen. History	Biology	Drawing	
		II. A. English	Algebra	Bookkeeping	Physics	Geom. Drawing	
		M. English	Algebra	Bookkeeping	Physics	Geom. Drawing	
		III. A. Horticulture	Geology	Notes	Geometry	Dairying	
		M. Elec. Eng.	Gas Engines	His. of Architecture	Geometry	Drawing	
		IV. A..............	Political Economy	Surveying	Surveying	Agr. Chemistry.	
		M. Specifica.	Political Economy	Surveying	Surveying	Drawing	
Fri.		P English	Arithmetic	Geography	U. S. History	Shop, Dry, G House	
		I. Algebra	English	Physiology	Animal Biology	Shop, Dry, G House	
		II. A. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		M. English	Algebra	Gen. Chemistry	Mechanics	Shop, Dry, G House	
		III. A. Physics	Vet. Science	English	Geometry	Chemistry	
		M. Physics	Heat, Ventilation	English	Geometry	Shop	
		IV. Botany, Etc.	....	Trigonometry	English	....	
		M..............	....	....	English	Shop	

Music for the 2nd, 3rd and 4th year classes, Mondays, Wednesdays and Fridays.

Examination Schedules for the Session

Fall Term Ending November 30, 1910.

		Monday, 28th.	Tuesday, 29th.	Wednesday, 30th.	Thursday, 31st.
	P.	English	Arithmetic	Geography	Reading
A. M.	1.	Arithmetic	English	General History	Agriculture
	2.	English	Algebra	General Chemistry	Physiology
9 to 11	3.	Physics	English	Bacteriology (A)	Steam Engine, etc. (M)
	4.	Solid Geometry	Political Economy	Mechanism (M)	Agric. Physics (A)
	P.	History	Writing	....	Reading
A. M.	1.	....	....	....	....
	2.	....	....	Bookkeeping	Drawing
11 to 1	3.	Geometry	Literature	Qualitative Ana.	Hist. Education
	4.	English	Chemistry	Steam, Engineering (M)	Entomology
	P.	Dairying	Drawing	Shop	Greenhouse
P. M.	1.	Shop	Greenhouse	Dairying	Music
	2.	Shop	Shop	Shop	Shop
2 to 4	3.	Ana. Chem.	Dairying A	Shop (M)	Dairying
	4.	Estimates	Literature	Agronomy	Shop (M) or Drawing

Removal of condition 4-6 each examination day, during vacant periods and following Saturday.

Examination Schedules for the Session

Winter Term Ending February 28, 1911.

		Tuesday, 28.	Wednesday, 1.	Thursday, 2.	Friday, 3.
	P.	English	Arithmetic	Geography	Reading
A. M.	1.	Arithmetic	English	General History	Agriculture
	2.	Algebra	English	Physiology	Bookkeeping
9 to 11	3.	Physics	Geometry	Eng. Lit.	English
	4.	English	Literature	Trigonometry	Political Economy
	P.	History	Composition	Writing	Reading
A. M.	1.	Music	Drawing	Shop	Greenhouse
	2.	Chemistry	....	....	....
11 to 1	3.	....	Qual. Analysis	Bacteriology (A)	House Planning (M)
	4.	Agr. Physics (A)	Entomology (A)	Mechanism (M)	Agron. (A) and Shop W'rk
	P.	Dairying	Drawing	Shop	Greenhouse
P. M.	1.	....	Dairying	....	....
	2.	Shop	....	Drawing	....
2 to 4	3.	Ana. Chem. (A)	Drawing	Dairying	Shop (M)
	4.	Build. Constr.	Plumbing	Psychology	Ag. Chem. and Drawing

Removal of condition 4-6 each examination day and following Saturday.

Examination Schedules for the Session

Spring Term Ending May 25, 1911.

		Friday, 20.	Monday, 22.	Tuesday, 23.	Wednesday, 24.
	P.	Composition	Arithmetic	English	Reading
A. M.	1.	Algebra	English	General History	Elementary Chem.
	2.	English	Algebra	Market Garden	Mat. Constr.
9 to 11	3.	Physics	Literature	Geometry	English
	4.	English	Pol. Economy	Civics	Trigonometry
	P.	History	Spelling	....	Reading
A. M.	1.	Plant Biology	Drawing	Dairying	....
	2.	Bookkeeping	Physiology	Drawing	Shop
11 to1	3.	Heat & Vent.	Geology	Qual. Analysis	Ana. Chem.
	4.	Shop	Pedagogy	Mechanism	Dairying
	P.	Shop	Drawing	Greenhouse	....
P. M.	1.	Shop	Greenhouse	....	....
	2.	....	....	....	....
2 to 4.	3.	Dairying	....	Drawing	Shop
	4.	Plumbing	Education	Agr. Chem.	Thesis

Removal of condition 4-6 each examination day and during vacant periods and following Saturday.

SUMMER SCHOOL.

The eleventh annual session of the A. & M. College Summer School will begin June 6th and continue four weeks. The Negro teachers of the State are invited to co-operate in building a strong State Summer School that will help to foster patriotism and bind together all who are interested in educational progress.

Specialist in Primary Method, School Management and all the common branches will be included on the staff of instructors.

Terms—Session, $10.00; week, $3.00; day, 50c.

The college is beautifully located and is an ideal spot for a pleasant summer resort.

(Fill blanks, tear out and send to A. & M. College, Greensboro, N. C.)

APPLICATION FOR ADMISSION

1. My name is ....

2. I live in ....

3. On ....Street, Number..........

4. In ....County, State of...............

5. Parent's / Guardian's name is ....

6. Home (Postoffice address) ....

State .... On ....St., No.......

7. I was.............years old last birthday.

8. I wish to enter school.....................................191..

9. I attended school last at ....

10. Recommended by ....

11. My present work is ....

12. I desire to learn..

In applying for admission, I promise, if accepted, to conduct myself in a manner becoming a gentleman, and to make proper use of the educational advantages offered. I promise to observe and obey the regulations of the institution.

(Applicant's signature)....................................

Do not write below this line.

The applicant has been examined and assigned to..........Year Class

.... Dept. .... Registrar.

Tuition .... Lodging .... Medical Fee ....

....Bursar.

Vaccination requirements satisfied, this.......................191..

....M. D.

The above application approved.

....President.

No........... Entered.......... Page..........

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College Song

(By Mrs. Jas. B. Dudley.)

Dear A. & M., dear A. & M.,
A monument inded,
Around thy base with grateful hearts
Behold thy students kneel;
We bless the power that gave thee birth
To help us in our need;
We'll ever strive while here on earth
All loyalty to yield!

(Chorus)
With joy, with joy, dear A. & M.,
Thy students turn from thee
To spread thy trophies year by year
From Dare to Cherokee.

Dear A. & M., dear A. & M.,
The signet thou shalt be,
Set by our great, old commonwealth,
Proud boaster of the free,
She'd have the record of her worth
On granite not inscribed;
Nay; let the children of her birth
Proclaim it by their lives.

Dear A. & M., dear A. & M.,
Henceforth our aim shall be,
By precepts wise, by deeds more sure,
To bless the State through thee.
The arts of industry to wield
Against an idle foe;
A harvest rich, from ripened fields
Of what thy students sow.